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# MONROE NURSER)//

It's a Home when it's Planted

I.E.ILGENFRITZ'SONS CO.
MONROE, MICH



LIFIF ARY

APR 15 1931 \*

U.S. Separatent of Agriculture.

It's
Not the house alone

The grounds around it make the home.

# MONROE NURSERY//

Since



1847

Ornamental Trees and Plants for the Home Grounds and Other Landscape Gardening

Fruit Trees for Commercial Orchards and Home Grounds

I. E. ILGENFRITZ' SONS COMPANY MONROE, MICHIGAN

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## WHAT TO PLANT

Is an easy question to decide if you use this little book. It is brief and to the point to enable you to make your selection without reading pages of dry uninteresting descriptions.

What will do best in shade.

How to get a mass of fall coloring.

The best material to use at the corners of a house and at the entrance.

Avoiding a too formal appearance.

The proper place for flower beds.

When and how to trim.

Preparing roses for winter.

The following pages contain answers to these and to many of the other problems of the average home owner.

Keep this list. You will want to refer to it later.

#### **WE GUARANTEE**

<del>\*</del>\*\*\*\*\*\*\*\*\*\*\*

#### Our Stock to Live and to be True to Name

We will cheerfully replace any tree, shrub or any other plant at any time should it prove untrue to name. We will also replace any stock, except evergreens, that fails to grow after being properly planted and cared for, if we are notified before the first of the following August, and the stock is allowed to stand as planted so we can examine it should we so desire. We hold ourselves liable only for the original amount paid us for the stock and replace only stock which has been paid for in full.

Our evergreens will be well dug with a solid ball of earth which is kept intact with a covering of burlap. We guarantee only that they will be delivered to the customer in good condition. We are not responsible thereafter.

#### SOME POINTS TO CONSIDER

There are many ways of working out a good design for any particular plot of ground. There are, however, some general rules which apply to nearly all situations.

Plan the planting to give an open center of lawn.

Extend the open portion as far away from the usual point of view as possible.

Consider carefully whether to plant in curved beds or straight lines. If in doubt, choose the former method because it creates a natural effect which is always pleasing. Plant and trim in straight lines only where a formal or "dressed-up" appearance is wanted. There are certain locations where a formal planting is to be desired.

Do not mix plants in a haphazard way. Plant tall growing sorts in rear of more dwarf kinds. Ordinarily plant three or more shrubs of one kind in a group.

Buildings usually need a few shrubs or evergreens at the corners to soften severe lines.

Do not make a continuous planting around a building. It is distasteful to see a house that appears to be resting on a mass of green shrubs. Show a little of the foundation here and there.

Select plants different from those in plantings near you. There are many excellent shrubs and trees that are not used simply because people do not know them.

Never plant shrubs, trees or evergreens nearer than  $2\frac{1}{2}$  feet from a foundation or wall.

Do not overplant. Set small shrubs at least two feet apart and large ones three feet or more. This rule does not apply where heavy hedges are wanted.

Do not plant obstructions to a pleasant view but use tall quick growing forms for screening undesirable outlooks.

Locate shrubs as a background for flower beds.

Place vines beside a porch, pergola or trellis where seclusion is wanted.

Learn to know the plants you have. Add a few more each year.

Order early! Plant properly! Spade deeply! Manure liberally!

## **SHRUBS**

The shrubs lend grace to the landscape planting. They serve many purposes and require little care. Without their arching branches, showy flowers and colorful fruits, any house appears bare and unattractive. Like most other plants they benefit greatly from water and cultivation in dry seasons and a little plant food in the spring.

Use common sense in trimming shrubs. Shape with hedge shears where stiffness is desired but do not try to train all shrubs to even shapes. Let them grow naturally wherever possible, cutting out old wood at the base when necessary. A good general rule: "Prune after the shrub flowers."

Acanthopanax pentaphyllum Aralia 7 to 8 ft.

This upright glossy foliaged shrub is suitable for dry, shad places. The twigs are very attractive with their gray color in winter 2 to 3 ft	r.
Almond, Flowering—See Prunus glandulosa	
Allspice—See Calycanthus floridus	
Althea—See Hibiscus syriacus	
Amygdalus, Almond—See Prunus	
Aralia pentaphylla—See Acanthopanax pentaphyllum	
Aronia arbutifolia Red Chokeberry 8 to 10 ft.  The showy spikes of white flowers are seen in May. The fruit and foliage are crimson in autumn. Desirable for moist and shade situations.  2 to 3 ft	У
melanocarpa Black Chokeberry 6 to 8 ft. This black fruited sort of the above is desirable for planting wher dense growth is required. 2 to 3 ft	·e
Arrowwood—See Viburnum dentatum	
Barberry—See Berberis	
Berberis thunbergi         Japanese Barberry 4 to 5 ft.           The most familiar and widely used hedge plant. Foliage and berries crimson in fall. Stands the most adverse conditions.           12 to 15 in. Per 100 \$30.00	0
2 to 3 ft	
—atropurpurea Purple Leaved Barberry 4 to 5 ft.  A new variety of the above. The foliage is deep red or purple when grown in full sunlight.	n
12 to 15 in	
Buckthorn—See Rhamnus cathartica	

	Each	Per 10
Buddleia davidi magnifica Oxeye Butterflybush S Often called Summer Lilac. It blooms from July thand is useful in shrub or perennial borders.	hrough	autumn
2 year	. 75	6.00
Bushclover—See <b>Lespedeza</b>		
Butterflybush—See Buddleia		
Calycanthus floridus Common Sweetshrub 4 to 5 A favorite in grandmother's garden. The flower colored and have a spicy fragrance.	s are ch	
18 to 24 in	1.50 2.00	
<b>Caragana arborescens</b> Siberian Pea-Tree 10 to 15 This yellow twigged upright shrub has pea-like and is useful for hedging or shrub borders.	yellow	
2 to 3 ft	1.00 1.25	8.00 10.00
Chokeberry—See Aronia		
In wet places this spicy flowered shrub cannot labundance of white flowers clothe it in July and most shrubs are out of bloom.	oe exce	lled. An
15 to 18 in	1.25	11.00
Cornus alba (siberica) Tatarian Dogwood 8 to 1. This brilliant red-twig shrub has clusters of cream in June followed by bluish white fruits.	y white	
2 to 3 ft	. 75 1.00	6.00 8.00
—elegantissima Silverblotch Dogwood 5 to 6 It's silvery edged leaves and bright red twigs gilively appearance in the shrub border.	ft.	
18 to 24 in	1.25	10.00
2 to 3 ft	1.50	12.50
<b>amomum</b> (sericea) Silky Dogwood 8 to 10 ft. This tree-like shrub has purplish red bark and blo		ter than
the red-twigged Dogwood. 2 to 3 ft	. 75	6.00
3 to 4 ft	1.00	8.00
sanguinea Bloodtwig Dogwood 8 to 12 ft. This variety is darker red than the Coral Dogwood		as black
berries in contrast with the white berries of the ab 2 to 3 ft	. 85	7.00
3 to 4 ft	1.10	9.00
<b>stolonifera</b> Red-Osier Dogwood 6 to 8 ft. The Red-Osier Dogwood is desirable where dens quired as it spreads freely. The flower clusters	e grow	th is re-
the Coral Dogwood.	arc rarg	ser than
2 to 3 ft	.75	6.00
3 to 4 ft	1.10	9.00

Each Per 10
flaviramea Yellowtwig Dogwood 6 to 8 ft.  This golden yellow twigged shrub when planted with the Coral Dogwood gives a contrast of unsurpassed beauty in winter.
2 to 3 ft
Coralberry—See Symphoricarpos vulgaris
Cotoneaster acutifolia Peking Cotoneaster 8 to 10 ft.  Densely furnished with dark glossy leaves this plant is excellent for hedging purposes. Profuse shiny black fruits.  18 to 24 in
3 to 4 ft
Cranberrybush, European—See Viburnum opulus
<b>Cydonia japonica</b> Flowering Quince 4 to 5 ft.  Called Fire Bush by many due to its brilliant scarlet flowers borne at apple blossom time. An old favorite.
18 to 24 in
Desmodium—See Lespedeza
Deutzia lemoinei Lemoine Deutzia 4 to 5 ft.  One of our best dwarf shrubs due to its compact habit and snow white flowers borne on slender twigs in May.  18 to 24 in
Pride of Rochester Deutzia 8 ft. When quick growth for screening is desired this shrub meets the requirement. Pinkish white bell shaped flowers borne in clusters.  2 to 3 ft
gracilis Slender Deutzia 3 ft.  A profuse blooming low shrub adapted to planting in front of larger growing sorts. White flowers in May and June.
12 to 15 in
<b>rosea</b> Rose Panicle Deutzia 3 ft.  Pink flowers borne on arching branches distinguish this from the above.
12 to 18 in. 1.25 11.50 18 to 24 in. 1.50 14.00
Dogwood—See Cornus
Elaeagnus angustifolia Russian-Olive 15 to 18 ft.  The eye is instantly attracted by the airy appearance of the silvery leaves of this large shrub. Tree-like habit, excellent for
screening.       2 to 3 ft.       1.00       8.00         3 to 4 ft.       1.25       11.00         4 to 5 ft.       1.75       16.00         5 to 6 ft.       2.50       23.00

	Each	Per 10
Elder—See Sambucus		
<b>Euonymus alatus</b> Winged Euonymus 9 to 10 ft.		
Dame Nature has succeeded in making this shesting throughout the entire year. Foliage luxur changing to a warm crimson in autumn and folloberries against the winged and corky bark whiterest throughout the winter. Excellent as a salso to group planting.  18 to 24 in	iant in s wed by l ch hold pecimen 1.50	ummer, ong red the in-
Forsythia intermedia Border Forsythia 6 to 8 ft		
The golden yellow flowers of this shrub are trul spring as they are borne in great profusion be unfold.	y harbir	
2 to 3 ft	.75 1.00	6.00 8.00
<b>spectabilis</b> Showy Border Forsythia 6 to 8 ft. Very similar to the above but blooms a little late protection against frost injury.	er which	assures
2 to 3 ft	1.00 1.25	8.00 11.00
suspensa Weeping Forsythia 7 to 8 ft. This is one of the most desirable shrubs for steep to prevent washing of soil. Its use as a vine when trellis is very striking.	bank p n trained	lantings i over a
18 to 24 in. 2 to 3 ft. 3 to 4 ft.	1.00 1.25 1.50	8.00 11.00 13.00
—fortunei Fortune Forsythia 7 to 8 ft.  In contrast to the trailing or weeping form it has 2 to 3 ft		ranches.
3 to 4 ft	1.25	11.00
Golden Bell—See <b>Forsythia</b>		
Hamamelis virginiana Common Witch-Hazel 10 This annual plant has flowers and fruit at the sam shrub to bloom before winter comes upon us.		
2 to 3 ft	1.75 2.50	15.00 20.00

#### Hibiscus syriacus (Althaea)

The Hollyhock-like flowers of this shrub are very attractive during the heat of July and August when most garden shrubs are without bloom. They are erect in their habit of growth and have a wide range of color both in single and double blooms. They may be had in bush and tree forms as follows:



## BERBERIS THUNBERGI (Japanese Barberry)

The most familiar and widely used hedge plant. Its thick foliage is bright green in summer and changes to brilliant red and orange in fall, at which time are formed bright scarlet berries that can be found on the plant until spring. The bush stands the most severe trimming and grows well in the shade. As a hedge it gives added protection to property it surrounds on account of its thick covering of small thorns.



#### BERBERIS THUNBERGI ATROPURPUREA

(Purple Leaved Barberry)

This Barberry has grown extensively in popularity since it was introduced a short time ago. Once noted, its brilliant red coloring throughout the summer is always remembered and the monotony of green foliaged shrubs is pleasantly broken by its use in a general planting. For best results it needs full sunlight.

	Each	Per 10
Bush Althea		
Ardens—Purple		
2 to 3 ft	1.00	8.50
3 to 4 ft		11.00
Boule de Feu—Double red		
2 to 3 ft	1.00	8.50
3 to 4 ft		11.00
Coelestis—Single blue	1.10	
2 to 3 ft	1.50	13.00
3 to 4 ft		15.00
Duchess de Brabant—Double red	2.70	20.00
2 to 3 ft	1.00	8.50
3 to 4 ft		11.00
	1.25	11.00
Jeanne d'Arc—Double pure white  2 to 3 ft	1.00	8.50
3 to 4 ft		11.00
Lady Stanley—Pinkish white	1.45	11.00
2 to 3 ft	1.00	8.50
3 to 4 ft		11.00
Paeonaeflorus—Double pink		
2 to 3 ft	1.00	8.50
3 to 4 ft	1.25	11.00
Totus albus—Single white		
2 to 3 ft	. 1.25	11.00
3 to 4 ft	1.50	13.00
Tree Althea		
Ardens—Purple		
3 to 4 ft	1.50	13.00
4 to 5 ft		16.00
Boule de Feu—Double red	. 4.00	10.00
3 to 4 ft	1.50	13.00
4 to 5 ft		16.00
Coelestis—Single blue		
3 to 4 ft	2.00	16.00
4 to 5 ft	. 2.50	23.00
Duchess de Brabant—Double red		
3 to 4 ft		13.00
4 to 5 ft	2.00	16.00
Jeanne d'Arc—Double pure white	1 50	12 00
3 to 4 ft		13.00 16.00
4 to 5 ft	. 2.00	10.00
Lady Stanley—Pinkish white  3 to 4 ft	1.50	13.00
4 to 5 ft		16.00
Paeonaeflorus—Double pink	. 2.00	10.00
3 to 4 ft	1.50	13.00
4 to 5 ft	2.00	16.00
Totus albus—Single white		
3 to 4 ft	1.75	15.00
4 to 5 ft		18.00

	Each	Per 10
Highbush Cranberry—See Viburnum opulus		
Hills of Snow—See Hydrangea arborescens		
Honeysuckle—See Lonicera		
Hydrangea arborescens Smooth Hydrangea 4 to A very useful shrub for foundation plantings in Large clusters of snow white flowers are borne on t stems.  18 to 24 in.  2 to 3 ft.	shady	places. of erect 6.00 8.00
paniculata grandiflora Peegee Hydrangea. Bu The large white flowers change to a bronze green and dried are very desirable for winter boquets.	sh form and wh	6-10ft. nen cut
18 to 24 in	.90 1.10	7.50 9.00
Peegee Hydrangea. Tree Form 8 to 10 ft. Trained to a single stem. They form an attract that is pleasing as a lawn specimen where space larger trees.	is limi	ted for
3 to 4 ft	2.50 3.00	20.00 28.00
Hypericum aureum Golden St. Johnswort 3 ft. This shrub is almost evergreen in protected places a covered with golden yellow flowers and pin-like sta	amens.	
12 to 18 in	1.25	11.50
Indian Currant—See Symphoricarpos vulgaris		
Jetbead—See Rhodotypos kerrioides		
Kerria, White—See Rhodotypos kerrioides		
<b>Kerria japonica</b> Single Kerria 4 to 5 ft.  This delicate twigged shrub is striking for its branches and elm-like foliage. The flowers are a p low. Very desirable for the densest shade.	bright ure gold	green en yel-
18 to 24 in	1.50	14.00
18 to 24 in	1.50	14.00
<b>Lespedeza formosa</b> Purple Bushclover 3 to 4 ft. An attractive small shrub which has a place in the der as well. Its purple flowers in September when in bloom welcomes it in any garden.	perenni few shru	al bor- ibs are
2 year	1.25	11.00
Ligustrum amurense Amur Privet 12 ft. One of the hardiest of hedge plants. Comes into California Privet. Can be trimmed in any form.	foliage	before
12 to 18 in. Per 100 \$15.00		2.25
18 to 24 in. Per 100 18.00		3.00 4.00

Each	Per 10
<b>ibolium</b> Ibolium Privet 8 ft.  A cross between California and Ibota. The beauty of the	former
and the hardiness of the latter.	
12 to 18 in. Per 100 \$18.00	2.50
18 to 24 in. Per 100 20.00	3.75 4.50
	7.30
ibota Ibota Privet 8 to 10 ft.	11 im
Desirable for informal hedges and shrub borders. Grows very dry situations.	well ii
12 to 18 in. Per 100 \$15.00	2.50
18 to 24 in. Per 100 18.00	3.50
2 to 3 ft. Per 100 25.00	4.50
—regelianum Regel Privet 4 to 5 ft	
This shrub is more spreading than the above and is use bank plantings. Profusely covered with black berries in fall	
18 to 24 in. Per 100 \$50.00	7.00
2 to 3 ft	9.00
Lodense Privet 3 ft.	
When price prohibits the use of Boxwood this hedging ca	an wel
take its place for edging formal gardens.	
12 to 15 in. 2 year Per 100 \$50.00	7.00
ovalifolium California Privet 9 to 10 ft.	
The glossy green foliage and dense growth of this Privet ac	counts
for its popularity as a hedge plant. 12 to 18 in. Per 100 \$6.50	2.00
18 to 24 in. Per 100 9.00	2.20
2 to 3 ft. Per 100 12.00	2.70
Lilac—See Syringa	
onicera bella albida White Belle Honeysuckle 8 to 10 ft	
The merit of this variety lies in its vigorous growth and	
ance of white flowers followed by brilliant red berries.	
2 to 3 ft	7.00
3 to 4 ft	16.00
7 60 0 161111111111111111111111111111111	10.00
<b>fragrantissima</b> Winter Honeysuckle 6 to 8 ft.  This sort is the most fragrant of all the Honeysuckle. It ret	aine ite
foliage through most of the winter making it almost eve	ergreen
in habit.	
2 to 3 ft	9.00
0 00 1 1000	11.30
morrowi Morrow Honeysuckle 8 to 10 ft.	. to it
This variety cannot be surpassed for bank plantings due vigorous growth and spreading habit. The fruits are vivid	to its
2 to 3 ft	7.00
3 to 4 ft 1.00	9.00

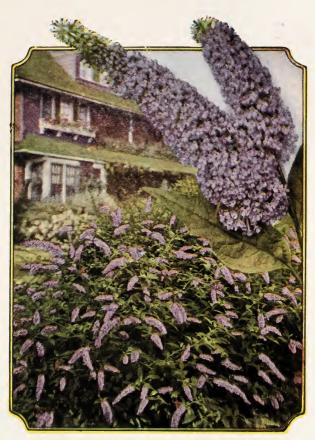
Each Pe	r 10
tatarica alba White Tatarian Honeysuckle 8 to 10 ft.	
The Tatarian Honeysuckle has the most showy flowers. desirable for shady places and thick screen effect.	
	7.00 9.00
-grandiflora Bride Honeysuckle 8 to 10 ft.	
This variety has larger flowers and broader leaves than the ceding.	pre-
2 to 3 ft	7.00
	9.00
— <b>rosea</b> Rosy Tatarian Honeysuckle 8 to 10 ft. Similar to the above except that the flowers are a beautiful	deen
pink.	асер
	7.00
	9.00
—siberica Red Tatarian Honeysuckle 8 to 10 ft. Same as above. Flowers red.	
	7.00
3 to 4 ft 1.00	9.00
xylosteum European Fly Honeysuckle 8 to 10 ft. A bushy shrub with white flowers sometimes tinged with years.	ellow
or pink followed by dark red fruits.  2 to 3 ft	9.00
Mockorange—See Philadelphus	
Nannyberry—See Viburnum lentago	
Ninebark—See Physocarpus opulifolius	
Oleaster—See Elaeagnus	
Olive, Russian—See Elaeagnus angustifolia	
Pea <sub>7</sub> Tree—See Caragana arborescens	
Pepper Bush—See Clethra alnifolia	
Pyrus arbutifolia—See Aronia arbutifolia	
Philadelphus aureus Dwarf Golden Mockorange 4 to 5 ft. The foliage of this dwarf shrub is intense yellow throughou growing season. Suitable for half shaded situations.	t the
	4.00
	8.00
<b>coronarius</b> Sweet Mockorange 9 to 10 ft. This old garden favorite is exceptionally fragrant. Flower semble orange blossoms.	s re-
2 to 3 ft	7.00
3 to 4 ft	9.00
4 to 5 ft	+.00
A dwarf variety of the above.	
15 to 18 in	9.00

gordonianus Gordon Mockorange 10 ft.	Each	Per 10
Its merit lies in the fact that it blooms later Philadelphus and is desirable for planting with sorts in order to insure a succession of bloom.	earlier l	olooming
2 to 3 ft		6.00 7.50
grandiflorus Big Scentless Mockorange 10 ft The flowers of this variety are larger than the St and bloom several weeks later. More vigorous useful for screen planting. 2 to 3 ft	weet Mo	th and is
3 to 4 ft		6.00 7.50
<b>lemoinei</b> Lemoine Mockorange 6 ft. Outstanding characteristics are its small dainty what dwarf habit of growth.	leaves a	nd some-
18 to 24 in		
Philadelphus Lemoine Hybrids	Each	Fer 10
Boquet Blanc Mockorange 8 ft.  This shrub, as its name implies, is literally allilike clusters of snow white flowers.  2 to 3 ft	ve with b	11.00 14.00
Mont Blanc Mockorange 8 ft.  The variety Mont Blanc when used as a he most unique in its effect. With its dense growhite flowers it is unsurpassed in beauty.  2 to 3 ft	dge plan owth and	nting is many
3 to 4 ft	vhite flov ntire sea 1 . 25	vers are
Virginale Mockorange 6 to 8 ft.  The most popular and best of all the Mockorang foliage very similar to the preceding except thare more arching.	ges. Flow	ers and
2 to 3 ft	1.80	16.00

Each Per 10
Physocarpus opulifolius (Spiraea) Common Ninebark 9 to 10 ft.
Very strong growing shrub with creamy white flowers in June which are followed by clusters of red berries.
2 to 3 ft       .75       6.00         3 to 4 ft       1.00       9.00         4 to 5 ft       1.50       14.00
-aureus (Spiraea) Goldleaf Ninebark 9 to 10 ft.
Same as the preceding except that the leaves are bright yellow in spring. Should be grown in full sunlight if yellow leaf coloring is to be at its best.
2 to 3 ft       .75       6.00         3 to 4 ft       1.00       9.00         4 to 5 ft       1.50       14.00
Privet—See Ligustrum
Prunus glandulosa Flowering Almond (Double Pink or Double White) 6 to 8 ft.
The delicate branches are clothed entirely with deep pink or white double flowers in early spring, which are followed with peachlike foliage giving the plant a very striking appearance. This shrub should be in every garden.
2 to 3 ft
Purple Fringe—See Rhus cotinus
Quince, Flowering—See <b>Cydonia japonica</b>
Rhamnus cathartica Common Buckthorn 10 ft.
The erectness and spiny twigs of this plant make it very desirable for screen or hedge planting. It is very showy in the fall with its many black berries.
3 to 4 ft
frangula Glossy Buckthorn 12 ft.
The glossy foliage of this variety makes it the most popular Rhamnus. It is abundantly covered with red berries which turn black as the season advances.
3 to 4 ft       1.00       8.50         4 to 5 ft       1.50       13.00
Rhodotypos kerrioides Jetbead 4 to 5 ft.
Where the Yellow Kerria, which it resembles, will not survive this plant is an excellent substitute. It is spotted throughout the summer with white cup shaped flowers followed by black berries. Densely covered with elm-like leaves.
2 to 3 ft

	Each	Per 10
Chus canadensis Fragrant Sumac 3 to 4 ft. Attractive yellow flowers in April and May for fruits in June. Aromatic foliage. A good plant		
rocky banks.  18 to 24 in		8.50 11.00
copallina Shining Sumac 8 to 10 ft.  A large robust shrub valuable for its deep growhich assumes a brilliant scarlet coloring in auticles of deep red fruit which remain throughout adapted for mass planting on barren soil or dry 12 to 3 ft	umn and the wint nillsides.	its pan-
cotinus Common Smoketree 12 to 15 ft. Attractive round leaves which turn brilliant or in autumn. Small thread-like grayish purple flour July give the plant a hazy or smoky appearance.  18 to 24 in	wers in J	
2 to 3 ft		13.00
glabra Smooth Sumac 10 to 12 ft.  This plant which is a strong grower and suitab has green flowers in July followed by large point let fruit in August and September.	le for bar ed heads	ren soi of scar
3 to 4 ft		9.0 14.0
—laciniata Cutleaf Sumac 4 to 5 ft  A variety of the former with deeply and finely the plant a light and airy appearance. Good aut 18 to 24 in	umn colo . 1.00	ring. 9.00
<b>typhina</b> Staghorn Sumac 20 ft. A strong growing shrub or small tree with large scarlet fruit in August which remain all winter. driest situations where its gorgeous fall coloring in August.	Will gro	w in th
3 to 4 ft		9.00 14.00
—laciniata Shredded Sumac 15 ft.  A variety of the former with shredded foliage large leaves a fern-like appearance.	which g	give th
3 to 4 ft		11.50 14.00
<b>obinia hispida</b> Rose-Acacia 1 to 3 ft.  Its rose colored pea-like flowers are very show like foliage and spreading habit enhance the bea	y and the outy of an	e locust y shrul
border. 2 to 3 ft	. 2.00	18.0

Each Per 10
Sambucus canadensis American Elder 8 to 10 ft.  A beautiful native shrub flowering in June and July in large flat topped flower heads. Fruits purplish black. Prefers a moist situation.
3 to 4 ft
—acutiloba Cutleaf American Elder 6 to 8 ft.  A variety of the above with finely cut foliage. An excellent shrub.  3 to 4 ft
nigra aurea Golden European Elder 10 to 12 ft.  A large shrub with golden yellow foliage and white flat topped flower heads which are followed by black lustrous fruit in August and September.  2 to 3 ft
Sheepberry—See Viburnum lentago
Siberian Pea-Tree—See Caragana arborescens
Smoketree—See Rhus cotinus
Snowball—See Viburnum opulus sterile
Snowberry—See Symphoricarpos racemosus
<b>Spiraea alba</b> (paniculata) Meadow Spirea 3 ft.  This desirable native shrub has white flowers in loose spikes at the ends of the upright branches.
2 to 3 ft
Anthony Waterer Spirea 3 ft.  Probably next to the Bridalwreath this is the most widely planted shrub. It is low and compact and is covered during the summer months with rose-pink flat topped flowers.
12 to 18 in
arguta Garland Spirea 5 to 6 ft.  The most free flowering of the earlier Spireas. Its small light green leaves and white flowers make it very showy.
18 to 24 in
<b>billiardi</b> Billiard Spirea 4 to 5 ft.  A good sort for shady places. Flowers are borne in long rose colored panicles in July and August.
2 to 3 ft
bumalda Bumalda Spirea 3 ft.  This variety is very similar to Anthony Waterer but is taller growing. The new foliage in spring is tinted with red giving it a striking appearance.
12 to 18 in



BUDDLEIA FARQUHARI (Farquhar Butterflybush)

A striking improvement over the old-fashioned Butterflybush. Unlike the old form it opens its long spiky flower in its enentirety instead of starting at the base and gradually opening to the tip. It is more dwarf and compact in habit. This is one of the most beautiful of the Chinese shrubs and deserves a place in every garden.



The Tatarian Honeysuckle may be had with white, pink or red flowers and each is as beautiful as the other.

LONICERA TATARICA (Tatarian Honeysuckle)

Pride of Rochester Deutzia is a splendid shrub for screening purposes.



PRIDE OF ROCHESTER DEUTZIA

	Each	Per 10
<b>douglasi</b> Douglas Spirea 6 to 8 ft. The Douglas Spirea closely resembles the variety that the flower spikes are larger. It has splendi	/ billiard d qualiti	i except es for a
naturalistic setting. 2 to 3 ft	. 75	6.50 8.50
fortunei Fortune Spirea 4 ft.  The leaves of this handsome, low, dense shrub a purplish color as they unfold in the spring. In J has flowers in flat topped heads which range from pink.	lune and	July it
18 to 24 in. 2 to 3 ft.	. 75 1.00	6.50 8.50
<b>froebeli</b> Froebel Spirea 4 ft. Similar to Anthony Waterer but is more vigorous on flowers. Valuable for a low flowering hedge.	is and h	
18 to 24 in	1.00	6.50 8.50
<b>japonica</b> (callosa) Japanese Spirea 2 to 3 ft. A low growing, free blooming shrub which has June and July. Foliage purplish-green when your	white flo	owers in
opulifolia—See Physocarpus opulifolius		
thunbergi, Thunberg Spirea 4 to 5 ft.  Slender arching branches clothed with feathery age. Pure white flowers in April and May. Good  18 to 24 in	fall color 1.00	ing. 8.00
vanhouttei Vanhoutte Spirea 8 ft. This is the most extensively planted shrub in Grows under all conditions and is desirable to plascape schemes, with conifers, deciduous plants or 2 to 3 ft	nt in mo by itself. . 50 . 75	4.00 6.50
St. Johnswort—See Hypericum		
Stephanandra flexuosa Cutleaf Stephanandra 4 The numerous snow white flowers on this den growing plant make it very showy. The leaf ress Maple but is smaller. Thrives best in a moist sha 18 to 24 in	se fount embles tl dy situat	hat of a
Sumac—See Rhus		

Summersweet—See Clethra alnifolia

Sweetshrub—See Calycanthus floridus

Each Per 10
Symphoricarpos racemosus Common Snowberry 5 ft.
A beautiful shrub grown mainly for its large white berries which appear in September and October. Foliage dull green and very
attractive. Partial to moist half shady locations.
2 to 3 ft
3 to 4 ft 1.25 11.00
vulgaris Coralberry 5 ft.
This graceful drooping shrub is valuable for holding embank- ments or in any dry situation but thrives also in partial shade. The dark red berries serve as food for the birds.
18 to 24 in
2 to 3 ft
NOTE:-Syringa as part of an English name refers to Mock-
orange (Philadelphus). When it is part of a botanical name it means Lilac: e.g. Syringa vulgaris—Common Lilac.
Syringa, Not Lilac—See Philadelphus
Syringa, Golden—See Philadelphus aureus
Syringa Lilac Named Varieties 6 to 8 ft.
The following list of named varieties are hybrids which have been chosen for their outstanding qualities of color, vigor and general excellence. The blossoms of these plants are, as a whole, larger and more richly colored than the common varieties and may be truly called the aristocrats of the flowering shrubs.  2 to 3 ft
Alphonse Lavallee—Double, large blue
Belle de Nancy—Double pink
Charles the Tenth—Large single blue
Marie Legraye—Single, cream white
Michel Buchner—Single blue
Mme. Lemoine—Double white
President Grevy—Large, double blue
Souvenir de Ludwig Spaeth—Single, dark purplish red
Toussaint-Louverture—Darkest purple
josikaea Hungarian Lilac 10 ft.
A strong vigorous shrub which in June has rosy-purple flowers in
loose airy trusses.
2 to 3 ft
persica Persian Lilac 8 ft.
A graceful shrub with slender upright branches and smaller more delicate leaves than the other varieties. Flowers pale purple in
loose clusters in June. 2 to 3 ft
3 to 4 ft
—alba White Persian Lilac 8 ft.
Same as above but flowers are white.
2 to 3 ft 1.75 16.00

2 to 3 ft	1. E. Il geniritz' Sons Co., Monroe, Wich.		
A strong upright shrub with stout warty branches and bright green leaves. Flowers later than the other specimens, coloring pink to lavender.  2 to 3 ft. 1.25 11.00 3 to 4 ft. 1.50 13.00  vulgaris Common Lilac 12 to 15 ft.  The well known purple form that is invariably found in old gardens. May-June.  18 to 24 in. 1.00 8.50 2 to 3 ft. 1.25 11.00 3 to 4 ft. 1.25 11.00  —alba White Common Lilac 12 to 15 ft.  Same as above except that the blossom is white. 18 to 24 in. 1.00 9.00 2 to 3 ft. 1.50 13.00  **The transport of the common Lilac 12 to 15 ft.  Same as above except that the blossom is white. 18 to 24 in. 1.00 9.00 3 to 4 ft. 1.50 13.00 3 to 4 ft. 2.00 18.00  **Marix africana** African Tamarix 6 to 10 ft.  The Tamarix is a slender stemmed graceful shrub with five needle-like leaves which are light green in color. As they are native to warm arid regions they are well adapted to dry land conditions. Africana has beautiful pink flowers in April and May. 3 to 4 ft. 1.00 9.00  **amurensis** Amur Tamarix 10 to 12 ft.  This variety has blue-green foliage and a profusion of long pink flowers in July and August. 3 to 4 ft. 1.00 9.00  **gallica** French Tamarix 6 to 12 ft.  A very desirable shrub with blue-green foliage and white to pink flowers in early summer. 3 to 4 ft. 1.00 9.00  **junctional India Tamarix 6 to 12 ft.  A variety of the above which has dull green leaves and longer pink flowers. 3 to 4 ft. 1.00 9.00  **pentandra** (aestivalis) Fivestamen Tamarix 6 to 12 ft.  Purple branches and slightly bluish leaves, pink flowers in August and September. 3 to 4 ft. 1.25 11.50  **purnum americanum** American Cranberrybush 10 to 12 ft.  This plant has white flowers in May and June but a scarlet fruit appears in July and persists almost all winter. Large maple-like leaves. 2 to 3 ft. 1.25 11.00	village I a I'll Car O's	Each	Per 10
vulgaris Common Lilac 12 to 15 ft. The well known purple form that is invariably found in old gardens. May-June.  18 to 24 in. 1.00 8.50 2 to 3 ft. 1.25 11.00 3 to 4 ft. 1.75 16.00  —alba White Common Lilac 12 to 15 ft. Same as above except that the blossom is white.  18 to 24 in. 1.00 9.00 2 to 3 ft. 1.50 13.00 3 to 4 ft. 1.50 13.00  marix africana African Tamarix 6 to 10 ft. The Tamarix is a slender stemmed graceful shrub with five needle-like leaves which are light green in color. As they are native to warm arid regions they are well adapted to dry land conditions. Africana has beautiful pink flowers in April and May. 3 to 4 ft. 1.00 9.00  amurensis Amur Tamarix 10 to 12 ft. This variety has blue-green foliage and a profusion of long pink flowers in July and August. 3 to 4 ft. 1.00 9.00  gallica French Tamarix 6 to 12 ft. A very desirable shrub with blue-green foliage and white to pink flowers in early summer. 3 to 4 ft. 1.00 9.00  —indica India Tamarix 6 to 12 ft. A variety of the above which has dull green leaves and longer pink flowers. 3 to 4 ft. 1.00 9.00  pentandra (aestivalis) Fivestamen Tamarix 6 to 12 ft. Purple branches and slightly bluish leaves, pink flowers in August and September. 3 to 4 ft. 1.25 11.50  purnum americanum American Cranberrybush 10 to 12 ft. This plant has white flowers in May and June but a scarlet fruit appears in July and persists almost all winter. Large maple-like leaves. 2 to 3 ft. 1.25 11.00	A strong upright shrub with stout warty bran- green leaves. Flowers later than the other spec pink to lavender.	cimens, o	coloring
The well known purple form that is invariably found in old gardens. May-June.  18 to 24 in			
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2 to 3 ft. 1.25 11.00 3 to 4 ft. 1.75 16.00  —alba White Common Lilac 12 to 15 ft.  Same as above except that the blossom is white.  18 to 24 in. 1.00 9.00 2 to 3 ft. 1.50 13.00 3 to 4 ft. 2.00 18.00  marix africana African Tamarix 6 to 10 ft.  The Tamarix is a slender stemmed graceful shrub with five needle-like leaves which are light green in color. As they are native to warm arid regions they are well adapted to dry land conditions. Africana has beautiful pink flowers in April and May. 3 to 4 ft. 1.00 9.00  amurensis Amur Tamarix 10 to 12 ft.  This variety has blue-green foliage and a profusion of long pink flowers in July and August. 3 to 4 ft. 1.00 9.00  gallica French Tamarix 6 to 12 ft.  A very desirable shrub with blue-green foliage and white to pink flowers in early summer. 3 to 4 ft. 1.00 9.00  —indica India Tamarix 6 to 12 ft.  A variety of the above which has dull green leaves and longer pink flowers. 3 to 4 ft. 1.00 9.00  pentandra (aestivalis) Fivestamen Tamarix 6 to 12 ft.  Purple branches and slightly bluish leaves, pink flowers in August and September. 3 to 4 ft. 1.25 11.50  Durnum americanum American Cranberrybush 10 to 12 ft.  This plant has white flowers in May and June but a scarlet fruit appears in July and persists almost all winter. Large maple-like leaves. 2 to 3 ft. 1.25 11.00	18 to 24 in.	1.00	8.50
alba White Common Lilac 12 to 15 ft.  Same as above except that the blossom is white.  18 to 24 in			
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18 to 24 in. 1.00 9.00 2 to 3 ft. 1.50 13.00 3 to 4 ft. 1.50 13.00 3 to 4 ft. 2.00 18.00  marix africana African Tamarix 6 to 10 ft.  The Tamarix is a slender stemmed graceful shrub with five needle-like leaves which are light green in color. As they are native to warm arid regions they are well adapted to dry land conditions. Africana has beautiful pink flowers in April and May. 3 to 4 ft. 1.00 9.00  amurensis Amur Tamarix 10 to 12 ft.  This variety has blue-green foliage and a profusion of long pink flowers in July and August. 3 to 4 ft. 1.00 9.00  gallica French Tamarix 6 to 12 ft.  A very desirable shrub with blue-green foliage and white to pink flowers in early summer. 3 to 4 ft. 1.00 9.00  —indica India Tamarix 6 to 12 ft.  A variety of the above which has dull green leaves and longer pink flowers. 3 to 4 ft. 1.00 9.00  pentandra (aestivalis) Fivestamen Tamarix 6 to 12 ft.  Purple branches and slightly bluish leaves, pink flowers in August and September. 3 to 4 ft. 1.25 11.50  purnum americanum American Cranberrybush 10 to 12 ft.  This plant has white flowers in May and June but a scarlet fruit appears in July and persists almost all winter. Large maple-like leaves. 2 to 3 ft. 1.25 11.00	—alba White Common Lilac 12 to 15 ft.		
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The Tamarix is a slender stemmed graceful shrub with five needle-like leaves which are light green in color. As they are native to warm arid regions they are well adapted to dry land conditions. Africana has beautiful pink flowers in April and May.  3 to 4 ft			18.00
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This variety has blue-green foliage and a profusion of long pink flowers in July and August.  3 to 4 ft	native to warm arid regions they are well adapt conditions. Africana has beautiful pink flowers in	oted to d April ar	ry land d <b>M</b> ay.
A very desirable shrub with blue-green foliage and white to pink flowers in early summer.  3 to 4 ft	flowers in July and August.		
—indica India Tamarix 6 to 12 ft.  A variety of the above which has dull green leaves and longer pink flowers.  3 to 4 ft	A very desirable shrub with blue-green foliage a flowers in early summer.		
A variety of the above which has dull green leaves and longer pink flowers.  3 to 4 ft	3 to 4 ft	. 1.00	9.00
pentandra (aestivalis) Fivestamen Tamarix 6 to 12 ft. Purple branches and slightly bluish leaves, pink flowers in August and September.  3 to 4 ft	A variety of the above which has dull green le	aves and	l longer
Purple branches and slightly bluish leaves, pink flowers in August and September.  3 to 4 ft		1.00	9.00
3 to 4 ft	Purple branches and slightly bluish leaves, pink		
This plant has white flowers in May and June but a scarlet fruit appears in July and persists almost all winter. Large maple-like leaves.  2 to 3 ft	3 to 4 ft	. 1.25	11.50
This plant has white flowers in May and June but a scarlet fruit appears in July and persists almost all winter. Large maple-like leaves.  2 to 3 ft	hurnum americanum American Cranherryhi	ish 10 to	12 ft.
2 to 3 ft	This plant has white flowers in May and June bappears in July and persists almost all winter.	ut a scar	let fruit
J LU T IL.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			11.00 16.00

	Each	Per 10
carlesi Fragrant Viburnum 5 ft. Appearing with the leaves in April are fragran flowers, 2 to 3 inches across, which later change the most charming Viburnums.	t beauti to white	ful pink . One of
15 to 18 in	5.00	
cassinoides Withe-rod 2 to 6 ft. Yellowish-white flowers in broad flat topped he July. Fruit pink at first but changes to dark blu color. 2 to 3 ft	ie. Rich	autumn
dentatum Arrowwood 10 to 12 ft.	1.00	11.00
This plant which flowers in May and June thriv has blue-black berries and its autumn coloring is 18 to 24 in	purple 1.00	and red. 8.50
2 to 3 ft		
lantana Wayfaring Tree 15 to 18 ft. This shrub has white flowers which appear in M handsome dark green wrinkled leaves. Berries black.	ay and	June and
2 to 3 ft		8.50 11.00
lentago Nannyberry 20 ft.  The large leaves on the slender branches turn so The white flowers in May and June are followed fruit which hangs on until spring. Narrow habit	by a blu	
2 to 3 ft	. 1.00	8.50 11.00
opulus European Cranberrybush 10 ft. Flowers white in flat topped flower heads thr	ee to fo	ur inches
broad in May and June. Fruit scarlet in August. 2 to 3 ft 3 to 4 ft	. 1.25	11.00 16.00
—sterile Common Snowball 8 to 10 ft.  Large white snowball-like blossoms in May as showy variety but lacking in the decorative fru	nd June. it.	A very
2 to 3 ft	. 1.00	8.50 12.50
tomentosum Doublefile Viburnum 8 ft. A handsome variety with beautiful foliage a flowers in June. Decorative red fruit changing t 2 to 3 ft	o bluish	-black.
—plicatum Japanese Snowball 8 ft. Snowball-like blossoms in June. Foliage very attr 18 to 24 in. 2 to 3 ft. 3 to 4 ft.	. 1.50	13.00 16.00

	Each	Per 10
Yayfaring Tree—See Viburnum lantana		
<b>Yeigela</b> Abel Carriere Weigela 5 to 7 ft. A strong growing shrub bearing a profusio flowers with a yellow spot in the throat. June.		
18 to 24 in		8.50 11.00
	1.23	11.00
Eva Rathke Weigela 5 to 7 ft. A very free flowering variety of medium h carmine-red flowers appear in June and contin	eight havi nue througl	ng deep hout the
season. 18 to 24 in	1.00	8.50
2 to 3 ft		11.00
floribunda Crimson Weigela 8 ft.		
A vigorous growing shrub with abundant flowed bud changing to bright crimson. May-June.	ers, dull cr	imson ir
18 to 24 in		8.00
2 to 3 ft	1.25	11.00
hybrida candida Snow Weigela 7 ft. A slow strong growing shrub which produces a pure white flowers in June. Plant continues to out the season.  2 to 3 ft	blossom	fusion of through 11.00 13.00
3 to 4 ft		13.00
— <b>hendersoni</b> Henderson Weigela 5 to 7 ft. This strong growing shrub has light red flower bud.		n in th
2 to 3 ft		11.00
3 to 4 ft		13.0
—nana variegata Dwarf Variegated Weige A dwarf form having white flowers slightly su May. Leaves mottled with white.	ela 2 to 4 f iffused with	t. h rose ii
18 to 24 in		8.50 11.00
rosea Pink Weigela 6 ft. Its dwarfness and large, showy, rose-colored one of the most frequently cultivated species.	flowers m	ake thi
2 to 3 ft		8.5 11.0
sieboldi argenteomarginata Silveredge W	eigela	
A striking appearance is given to this variety being bordered with white. A few rose colored	by the gree	en leave ppear i
May. 18 to 24 in	1.00	8.5
2 to 3 ft		

White Kerria—See Rhodotypos kerrioides

Witch-hazel—See Hamamelis virginiana

#### SHRUBS OR EVERGREENS?

At present there is a decided trend toward evergreens. They are slow growing and do not soon outgrow their surroundings; they give color the year around and do not drop their leaves in winter. It should be remembered, however, that an entire planting of evergreens has a somber appearance and soon becomes monotonous. A better and more natural effect is to be had by planting shrubs with evergreens so the solid lasting effect of them is lightened by the color and informality of the shrubs.

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## AN INTELLIGENT SELECTION

May easily be made by anyone who will glance over the tables below and then the short descriptions in these pages. The classifications are made according to the uses to which the plants are best adapted and their most outstanding characteristics.

# MATERIAL FOR FOUNDATION PLANTING Shrubs

Bereberis thunbergi Berberis thunbergi atropurpurea Buddleia davidi magnifica Clethra alnifolia Cornus alba elegantissima Cotoneaster acutifolia Deutzia gracilis Deutzia lemoinei Forsythia intermedia Forsythia suspensa fortunei Hydrangea arborescens Hydrangea paniculata grandi-Hypericum aureum Kerria japonica Lespedeza formosa Ligustrum ibota Ligustrum ibota regelianum Lonicera fragrantissima Philadelphus aureus Philadelphus—Boquet Blanc Philadelphus coronarius Philadelphus lemoinei

Prunus glandulosa Rhodotypos kerrioides Rhus canadensis Spiraea alba Spiraea—Anthony Waterer Spiraea arguta Spiraea billiardi Spiraea bumalda Spiraea froebeli Spiraea japonica Spiraea thunbergi Spiraea vanhouttei Stephanandra flexuosa Symphoricarpos racemosus Syringa persica Tamarix pentandra Viburnum americanum Viburnum cassinoides Viburnum carlesi Weigela—Abel Carriere Weigela—Eva Rathke Weigela hybrida nana varia-Weigela rosea

#### Trees

Amygdalus alboplena Amygdalus rubroplena Aralia spinosa Cercis canadensis Cornus florida Cornus florida rubra Crataegus oxycantha splendens Malus atrosanguinea Malus floribunda

#### Trees--Continued

Malus halliana parkmani Malus ioensis plena Populus nigra italica Populus simoni Prunus pissardi Prunus triloba Salix discolor Sorbus aucuparia

#### Evergreens

Juniperus chinensis pfitzeriana
Juniperus communis depressa
Juniperus communis depressa
aurea
Juniperus communis hibernica
Juniperus communis suecica
Juniperus excelsa stricta
Juniperus horizontalis
Juniperus horizontalis glauca
Juniperus sabina
Juniperus sabina tamariscifolia
Juniperus virginiana
Pinus montana mughus
Retinospora filifera

Retinospora plumosa aurea Thuja occidentalis Thuja occidentalis compacta Thuja occidentalis ellwangeri-Thuja occidentalis ericoides Thuja occidentalis globosa Thuja occidentalis hoveyi Thuja occidentalis lutea Thuja occidentalis pumila Thuja occidentalis pyramidalis Thuja occidentalis wareana Thuia orientalis Thuja orientalis aurea nana Thuja orientalis elegantissima Thuja plicata Tsuga canadensis

## Retinospora pisifera Retinospora pisifera aurea Retinospora plumosa

#### LAWN SPECIMENS

#### Shrubs

Cydonia japonica
Elaeagnus angustifolia
Euonymus alatus
Forsythia suspensa fortunei
Rhus cotinus
Spiraea vanhouttei
Syringa Named Varieties
Syringa josikaea
Syringa persica
Syringa persica alba
Syringa villosa
Syringa vulgaris
Syringa vulgaris
Syringa vulgaris alba
Tamarix africana

Tamarix amurensis
Tamarix gallica
Tamarix gallica indica
Tamarix pentandra
Viburnum americanum
Viburnum carlesi
Viburnum dentatum
Viburnum lantana
Viburnum lentago
Viburnum opulus
Viburnum opulus sterile
Viburnum tomentosum
Viburnum tomentosum
Viburnum tomentosum plicatum

#### **Trees**

Acer negundo
Acer palmatum
Acer palmatum atropurpureum
Acer platanoides
Acer platanoides schwedleri
Acer saccharinum wieri
Amygdalus alboplena
Amygdalus rubroplena

Betula alba
Betula alba laciniata
Catalpa bungei
Celtis occidentalis
Cornus florida
Cornus florida rubra
Crataegus cordata
Crataegus oxycantha

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### Trees—Continued

Crataegus oxycantha splendens

Fagus americana Fraxinus americana

Fraxinus excelsior Fraxinus lanceolata

Liriodendron tulipifera Malus atrosanguinea

Malus floribunda

Malus halliana parkmani

Malus ioensis plena Morus alba pendula

Platanus orientalis Populus bolleana

Populus candicans Populas nigra italica

Populus simoni

Prunus-Double White Flowering Cherry

Prunus—Newport Purpleleaf

Prunus fruticosa pendula

Prunus pissardi Prunus triloba

Ptelea trifoliata Quercus alba Quercus palustris Quercus rubra

Salix—Niobe Weeping Willow

Salix babylonica Salix blanda Salix discolor

Salix elegantissima Salix pentandra

Salix vitellina Sorbus aucuparia

Sorbus aucuparia pendula

Sorbus quercifolia Tilia americana Tilia vulgaris

Ulmus—Camperdown

Ulmus—Moline Ulmus---Vase Ulmus americana Ulmus campestris

Ulmus glabra Ulmus pumila

#### **HEDGES**

#### Shrubs

Acanthopanax pentaphyllum Berberis thunbergi Caragana arborescens Cotoneaster acutifolia Hibiscus syriacus Ligustrum amurense Ligustrum ibota

Ligustrum ibota regelianum

Ligustrum ibolium

Evergreens

Picea excelsa Taxus cuspidata Thuja occidentalis

Hypericum aureum

Thuja occidentalis compacta

Ligustrum—Lodense Ligustrum ovalifolium Lonicera bella albida Philadelphus lemoinei Philadelphus—Mont Blanc Philadelphus coronarius Rhamnus cathartica Rhamnus frangula

Thuja occidentalis globosa Thuja occidentalis pyramidalis Thuja occidentalis wareana Tsuga canadensis

#### DWARF STOCK

#### Shrubs

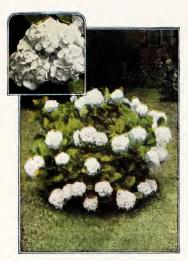
Berberis thunbergi Berberis thunbergi atropurpurea Clethra alnifolia Deutzia gracilis Deutzia lemoinei

Ligustrum ibota regelianum Philadelphus aureus Spiraea—Anthony Waterer Spiraea froebeli Spiraea japonica Weigela hybrida nana variegata



#### FORSYTHIA SUSPENSA FORTUNEI (Fortune Forsythia)

The Forsythias are among the best remembered shrubs since they follow soon after the snows and rains of spring and are a welcome relief from the monotony of winter. A delight awaits you if you cut branches during March and place them in a vase of water. In a few days they will burst forth into bloom with showy yellow flowers.



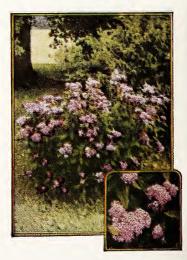
HYDRANGEA ARBORESCENS GRANDIFLORA (Snowhill Hydrangea)



HYDRANGEA ANGEA PANICULATA GRANDIFLORA (Peegee Hydrangea)

The blooming season of the Hydrangeas is rather long and the large white flowers are very conspicuous. Both varieties stand pruning well, the a.g. making excellent low borders and the p.g. fine tall hedges.

Anthony Waterer Spirea grows very dense and has beaugrows very dense and has beau-tiful, small, dark foliage. Its largest use is for foundation planting and low borders. You would make no mistake in selecting any or all of these three well known shrubs.



ANTHONY WATERER SPIREA

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### **Evergreens**

#### Half-erect

Juniperus chinensis pfitzeriana
Juniperus communis depressa
Juniperus excelsa stricta
Juniperus excelsa stricta
Juniperus sabina
Pinus montana mughus
Taxus canadensis
Taxus cuspidata
Taxus cuspidata brevifolia
Thuja occidentalis ellwangeriana
Thuja occidentalis ericoides
Thuja occidentalis pumila
Thuja orientalis aurea nana

#### Broadleaf

Daphne cneorum Euonymus radicans Euonymus radicans vegetus

#### **Trailing or Creeping**

Juniperus horizontalis Juniperus horizontalis glauca Juniperus sabina tamariscifolia

#### MEDIUM SIZED STOCK

#### Shrubs

Aronia melanocarpa Buddleia davidi magnifica Calycanthus floridus Cornus alba elegantissima Cydonia japonica Deutzia-Pride of Rochester Euonymus alatus Forsythia suspensa Hamamelis virginiana Hydrangea arborescens Kerria japonica Ligustrum ibota Lonicera fragrantissima Philadelphus lemoinei Rhodotypos kerrioides Rhus canadensis Robinia hispida, Sambucus canadensis

Spiraea arguta Spiraea thunbergi Syringa persica Syringa persica alba Syringa Named Varieties Alphonse Lavalee Belle de Nancy Charles the Tenth Marie Legraye Michel Buchner Mme. Lemoine President Grevy Souv. de Ludwig Spaeth Toussaint-Louverture Symphoricarpos racemosus Symphoricarpos vulgaris Weigela-Eva Rathke Weigela rosea

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### Trees

Acer palmatum
Acer palmatum atropurpurem
Amygdalus alboplena
Amygdalus rubroplena
Aralia spinosa
Catalpa bungei
Cornus florida
Cornus florida rubra
Crataegus cordata
Crataegus oxyacantha
Crataegus oxyacantha splendens

Malus floribunda
Malus halliana parkmani
Malus ioensis plena
Morus alba pendula
Prunus—Double White Flowering Cherry
Prunus—Newport Purpleleaf Plum
Prunus fruticosa pendula
Prunus pissardi
Prunus triloba
Sorbus aucuparia pendula
Ulmus—Camperdown Elm

#### **Evergreens**

Juniperus communis hibernica Juniperus communis suecica Rhododendron catawbiense Rhododendron maximum Thuja occidentalis compacta

Malus atrosanguinea

Thuja occidentalis globosa Thuja occidentalis hoveyi Thuja occidentalis wareana Thuja orientalis elegantissima

#### TALL GROWING STOCK

#### Shrubs

Aronia arbutifolia Cornus alba (siberica) Cornus a momum Cornus sanguinea Cornus stolonifera Cornus stolonifera flaviramea Cotoneaster acutifolia Elaeagnus angustifolia Hydrangea paniculata grandi-Lonicera bella albida Lonicera fragrantissima Lonicera morrowi Lonicera tatarica alba Lonicera tatarica grandiflora Lonicera tatarica rosea Lonicera tatarica siberica Lonicera xylosteum Philadelphus coronarius Philadelphus gordonianus Philadelphus grandiflorus Philadelphus-Lemoine Hybrids

Physocarpus opulifolius Physocarpus opulifolius aureus Rhus cathartica Rhus frangula Rhus copallina Rhus cotinus Rhus glabra Rhus typhina Rhus typhina laciniata Syringa vulgaris Syringa vulgaris alba Viburnum americanum Viburnum cassinoides Viburnum carlesi Viburnum dentatum Viburnum lantana Viburnum lentago Viburnum opulus Viburnum opulus sterile Viburnum tomentosum Viburnum tomentosum plicatum

#### Trees

Acer dasycarpum Acer negundo Acer platanoides Acer platanoides schwedleri Acer saccharinum wieri Ailanthus glandulosa Betula alba Betula alba laciniata Catalpa speciosa Celtis occidentalis Cercis canadensis Fagus americana Fraxinus americana Fraxinus exclesior Fraxinus lanceolata Gleditsia triacanthos Liriodendron tulipifera Morus-Downing Mulberry Morus-New American Mulberry Morus alba tatarica Platanus orientalis Populus bolleana

Populus eugenei Populus nigra italica Populus simoni Quercus alba Quercus palustris Quercus rubra Robinia pseudacacia Salix-Niobe Weeping Willow Salix babylonica Salix blanda Salix discolor Salix elegantissima Salix pentandra Salix vitellina Sorbus aucuparia Tilia americana Tilia vulgaris Ulmus-Moline Elm Ulmus Vase Elm Ulmus americana Ulmus campestris Ulmus glabra Ulmus pumila

### **Evergreens**

Juniperus virginiana Picea canadensis Picea canadensis alba Picea excelsa Picea pungens Picea pungens kosteri Pinus nigra austriaca Pinus strobus Pinus sylvestris Retinospora filifera Retinospora pisifera

Populus candicans

Retinospora pisifera aurea Retinospora plumosa Retinospora plumosa aurea Thuja occidentalis • Thuja occidentalis douglasi Thuja occidentalis lutea Thuja occidentalis pyramidalis Thuja occidentalis spiralis Tsuga canadensis

# SPRING FLOWERING SHRUBS AND TREES

#### Shrubs

Aronia arbutifolia Aronia melanocarpa Berberis thunbergi Cornus alba Cornus sanguinea Cornus stolonifera Cotoneaster acutifolia Deutzia gracilis Deutzia lemoinei Euonymus alatus Exochorda grandiflora Forsythia intermedia Forsythia intermedia spectabilis

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### Shrubs-Continued

Forsythia suspensa
Forsythia suspensa fortunei
Lonicera bella albida
Lonicera fragrantissima
Lonicera morrowi
Lonicera tatarica alba
Lonicera tatarica grandiflora
Lonicera tatarica rosea
Lonicera tatarica siberica
Rhodotypos kerrioides
Rhus canadensis
Spiraea arguta
Spiraea vanhouttei
Viburnum cassinoides

Viburnum lentago
Viburnum opulus
Viburnum opulus sterile
Viburnum tomentosum
Weigela—Abel Carriere
Weigela—Eva Ratke
Weigela floribunda
Weigela hybrida candida
Weigela hybrida hendersoni
Weigela hybrida nana variegata
Weigela hybrida sieboldi
argenteomarginata
Weigela rosea

#### **Trees**

Cercis canadensis Cornus florida Cornus florida rubra Crataegus oxyacantha splendens Malus atrosanguinea Malus floribunda Malus halliana parkmani Malus ioensis plena Prunus—Double White Flowering Cherry Prunus triloba Sorbus aucuparia

#### SUMMER FLOWERING SHRUBS

Calycanthus floridus Cornus amomum Cotoneaster horizontalis Elaeagnus angustifolia Hibiscus syriacus Hydrangea arborescens Ligustrum ibota Ligustrum ibota regelianum Lonicera xylosteum Philadelphus aurea Philadelphus coronarius Philadelphus coronarius nanus Philadelphus gordonianus Philadelphus grandiflorus Philadelphus lemoinei Philadelphus—Lemoine Hybrids Physocarpus opulifolius Physocarpus opulifolius aurea Rhamnus cathartica Rhus glabra Robinia hispida Sambucus canadensis Sambucus canadensis acutiloba Sambucus nigra aurea Spiraea—Anthony Waterer

Spiraea billiardi Spiraea bumalda Spiraea douglasi Spiraea froebeli Spiraea japonica Symphoricarpos racemosus Symphoricarpos vulgaris Syringa—Named Varieties Syringa josikaea Syringa persica Syringa persica alba Syringa villosa Syringa vulgaris Syringa vulgaris alba Tamarix africana Tamarix amurensis Tamarix gallica Tamarix gallica indica Tamarix pentandra Viburnum dentatum Viburnum lantana Weigela—Abel Carriere Weigela candida Weigela—Eva Rathke Weigela floribunda

#### **FALL FLOWERING SHRUBS**

Buddleia davidi magnifica Clethra alnifolia Hamamelis virginiana Hibiscus syriacus—Ardens Boule de Feu Coelestis Duchess de Brabant Jeanne d'Arc Lady Stanley Hibiscus syriacusPaeonaeflorus
Totus albus
Hydrangea paniculata grandiflora
Rhus canadensis
Rhus copallina
Rhus cotinus
Rhus typhina
Rhus typhina laciniata
Sambucus canadensis

#### SUITABLE FOR FORCING

Cydonia japonica Deutzia gracilis Forsythia intermedia Prunus glandulosa Spiraea arguta

#### SUITABLE FOR CUT FLOWERS

Cydonia japonica
Buddleia davidi magnifica
Forsythia intermedia
Hypericum aureum
Philadelphus aureus
Philadelphus coronarius
Philadelphus coronarius nanus
Philadelphus gordonianus
Philadelphus grandiflorus
Phildaelphus lemoinei

Philadelphus-Lemoine Hybrids Philadelphus-Boquet Blanc Philadelphus-Mont Blanc Philadelphus-Pyramidale Philadelphus-Virginale Prunus triloba Spiraea arguta Spiraea prunifolia Spiraea yanhouttei

# SUITABLE FOR WINTER BOQUETS

Arundo donax
Celastrus scandens
Echinops ritro
Eryngium planum
Hydrangea paniculata grandiflora
Miscanthus sinensis gracillimus

Miscanthus sinensis gracillimus Miscanthus sinensis variegatus Miscanthus sinensis zebrinus Physalis francheti Rhus canadensis Rhus copallina Rhus cotinus Rhus glabra Rhus glabra laciniata Rhus typhina Rhus typhina laciniata

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### ATTRACTIVE TO BIRDS

Cornus alba

Juniperus chinensis pfitzeriana

Juniperus communis depressa Juniperus communis depressa

Juniperus communis hibernica Juniperus communis suecica

Juniperus excelsa stricta

Juniperus horizontalis

Juniperus horizontalis glauca

Juniperus sabina

Juniperus sabina tamarisci-

Juniperus virginiana Lonicera tatarica alba

Lonicera tatarica grandiflora

Lonicera tatarica rosea

Lonicera tatarica siberica

Malus atrosanguinea Malus floribunda

Malus halliana parkmani

Malus ioensis plena

Morus-Downing Mulberry Morus-New American Mul-

berry

Morus alba pendula Morus alba tatarica

Rhamnus cathartica

Rhamus frangula

Sambucus canadensis Sambucus canadensis acutiloba

Sambucus nigra aurea

Viburnum americanum

Viburnum carlesi

Viburnum cassinoides

Viburnum dentatum

Viburnum lantana Viburnum lentago

Viburnum opulus Viburnum opulus sterile

Viburnum tomentosum

Viburnum tomentosum plica-

tum

### PLANTS THAT ENDURE SHADE

### Shrubs

Acanthopanax pentaphyllum Aronia melanocarpa

Berberis thunbergi

Calycanthus floridus

Cephalanthus occidentalis

Cercis canadensis (tree) Clethra alnifolia

Cornus amomum

Cornus florida (tree)

Cornus florida rubra (tree)

Hamamelis virginiana

Hydrangea arborescens Hypericum aureum

Ligustrum ibota regelianum

Lonicera fragrantissima

Lonicera morrowi

Lonicera tatarica alba

Lonicera tatarica grandiflora

Lonicera tatarica rosea

### Evergreens

Juniperus communis depressa Juniperus communis depressa

aurea Juniperus horizontalis Lonicera tatarica siberica Philadelphus aureus

Philadelphus coronarius Philadelphus coronarius nanus

Philadelphus gordonianus Philadelphus grandiflorus

Philadelphus lemoinei Philadelphus-Lemoine Hybrids

Boquet Blanc Mont Blanc

Pyramidale Virginale

Physocarpus opulifolius

Physocarpus opulifolius aureus

Rhodotypos kerrioides Symphoricarpos racemosus

Symphoricarpos vulgaris Viburnum dentatum

Viburnum lentago

Juniperus horizontalis glauca Juniperus sabina amariscifolia Taxus canadensis Taxus cuspidata

# ORNAMENTAL TREES

Trees lend the appearance of stateliness and permanency. They are useful as well as ornamental since they give shade and shelter. In planting great care should be used to choose a location not too near buildings and never directly in front of them. In time they usually grow to great breadth and height and, if not placed in proper positions, obstruct the view. Trees have aptly been described as the frame of the landscape picture, therefore they should be planted at the sides of the lot or in the rear if a tall background is desired.

# Acer dasycarpum Silver Maple 60 to 80 ft.

Each Per 10

The Silver Maple is one of the fastest growing trees and is valuable for park and street plantings. The leaves are green above, silvery beneath.

8 to 10 ft. 2.50 22.5 1½ to 2 in. 4.00 35.0	0
	0
	0
2 to $2\frac{1}{2}$ in	
$2\frac{1}{2}$ to 3 in	
3 to 4 in	

# negundo Boxelder, Ash Leaved Maple 60 to 70 ft.

This large rapid growing tree of spreading habit thrives best in moist rich soil. Much prized in the west where it withstands cold and drought.

6 to 8 ft	2.00	17.50
8 to 10 ft	2.50	22.50
$1\frac{1}{2}$ to 2 in	4.00	
2 to 21/2 in	6.00	

### palmatum Japanese Maple B & B 15 to 20 ft.

An extremely handsome tree or large shrub of dense graceful habit with elegant foliage especially in spring when it assumes beautiful shades of red and green and again in the autumn when the most gorgeous tints are produced.

15 to 18 in	 7.00	
18 to 24 in.	 8.00	

—atropurpureum Bloodleaf Japanese Maple B&B 12 to 15 ft. In this day of color the brilliancy of this splendid dwarf tree has won for it first place as a lawn specimen. Its gorgeous tints of pastel red stand out in any planting. We know of no tree that attracts more admiration. Planted where it will receive full sunlight, its color is at its best throughout the summer. Its habit of

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	Each	Per 10
slow growth makes it especially desirable as a in small plantings.	lawn	specimen
12 to 15 in	8.00	
15 to 18 in	10.00	
18 to 24 in	14.00	
platanoides Norway Maple 50 to 75 ft.		
A long-lived tree of formal growth developing a br	oad d	ense head
covered with large dark green leavs. Valuable and street planting.	both	for lawn
8 to 10 ft	5.00	45.00
$1\frac{1}{2}$ to 2 in	6.00	
2 to 2½ in	8.00	
$2\frac{1}{2}$ to 3 in	12.00	
Prices on larger sizes on application.		
-schwedleri Schwedler Maple 40 to 60 ft.		
A variety of the above which unfolds its leaves i	n spri	ng with a
dense purple hue changing to green as the seas which time it makes a striking appearance.		
6 to 8 ft	7.00	
8 to 10 ft	9.50	
$1\frac{1}{4}$ to $1\frac{1}{2}$ in	11.50	
saccharinum wieri Wier Maple 75 to 100 ft.		
A graceful tree remarkable for its weeping brandivided foliage. Leaves green above, silvery beneder yellow in autumn.		
6 to 8 ft	3.00	27.50
8 to 10 ft	4.00	
10 to 12 ft	500	
saccharum Sugar Maple (Rock) 75 to 100 ft.		
An ornamental tree with wide spreading slender be change to golden yellow in autumn and are retained.	ranche	s. Leaves
6 to 8 ft	3.50	
8 to 10 ft	5.00	
Ailanthus glandulosa Ailanthus 50 to 60 ft.		
This large ornamental tree of loose spreading ha feathery foliage is sometimes called the Tree of very rapid grower and is good for smoky city plan	Heave	n. It is a
6 to 8 ft	2.50	20.00
8 to 10 ft	4.00	
Amygdalus alboplena Double White Peach 10 to		
This tree is literally covered with double peach are snow white. Should be used for specimen plan	Diosso:	ms which
3 to 4 ft	_	
J (U T 1G	1.75	



PHILADELPHUS (Virginal Mockorange)

Pure white waxy blossoms give this Mock-orange its name. The flowers resemble the Gardenia in size and beauty and are freely borne throughout the summer amidst leathery foliage. The bushy nature and fine habit of growth of this spreading shrub make it a first choice of gardeners of experience.

choice of gardeners of experience.

The Philadelphus is often called Syringa but since this is also the botanical name of the Lilac it is thought best to refer to it as the Mockorange though such a lovely shrub should perhaps not be described as mocking anything.



PRUNUS GLANDULOSA (Flowering Almond)

A grouping of this fine shrub with Forsythia and Spirea arguta makes an excellent mass of color in early spring. Tulips also come to blossom at this time and may be planted opposite such a group with pleasing results.

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	er 10
rubroplena Double Red Peach 10 to 25 ft.	
Same as above except that flowers are red to pink. Blooms fusely.	pro-
3 to 4 ft	
Apple Flowering—See Malus	
Aralia spinosa Devils-walkingstick 10 to 20 ft.	
Stout prickly stems, large leaves, and enormous clusters of flogive this plant a distinct and sub-tropical appearance.	owers
3 to 4 ft	
4 to 6 ft. 2.50	
Ash—See Fraxinus	
Beech—See Fagus	
Betula alba European White Birch 30 to 50 ft.	
An upright growing graceful tree the bark of which is pure Very picturesque when planted along water edges or as a	white.
specimen.	
4 10 0 11	
0 10 0 11	
116 to 2 in	
2 to 2½ in	
-laciniata Cutleaf Weeping Birch 30 to 40 ft.	
Same as above except that leaves are deeply cut and bra	anches
gracefully weeping giving this tree a light and airy appear	liance
5 to 0 it	
6 to 8 ft 7 .50	
Birch—See Betula	
Catalpa bungei Umbrella Catalpa 6 to 8 ft.	
These dense round headed trees are well suited for formal	ger ou
of proportion. They should always be planted in pairs to p	oduci
the best effect.	Per Pai 5 . 5
4 to 5 ft	6.50
6 to 7 ft. Specimens 4.00	7.5
speciosa Western Catalpa 60 ft.	
Highly ornamental tree with large bright green foliage an tiful white flowers followed by long slender fruit pods. The	s is th
fastest growing hardwood tree. Per 100 Per 1000	
18 to 24 in	
h to a ll	
8 to 10 ft	

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	Each	Per 10
Celtis occidentalis Hackberry 40 to 60 ft.		
The dark purple berries borne by this round he all winter. It grows well along river banks.	aded tree	e remain
6 to 8 ft		
Cercis canadensis American Redbud 20 to 30 f	t.	
Very ornamental tree or large shrub with hands and abundant deep pink flowers which are per the borders of streams or rich bottom lands, ofte larger trees.	a shaped	. Prefers
3 to 4 ft	. 3.00	
Cherry Flowering—See Prunus		
Cornus florida Flowering Dogwood B & B 10 to	15 ft.	
The slender spreading branches, the bright gr turn scarlet in autumn, the large white flowers May, and the clusters of scarlet fruit in Octob to making this one of the most beautiful Ar- trees. It prefers rich well drained soil and withs	which a er all co nerican f	ppear in intribute dowering
2 to 3 ft		
3 to 4 ft		
6 to 8 ft		
-rubra Red flowering Dogwood B & B 10 to	15 ft.	
Same as above but flowers are pink and more pe	rsistent.	
2 to 3 ft		
3 to 4 ft		
	. 7.50	
Crab, Flowering—See <b>Malus</b>		
Crataegus cordata Washington Hawthorn 15 to	20 ft.	
A hardy ornamental tree of dense growth with shiny, foliage which turns to brilliant color in has white flowers followed by bright red fruit.		
3 to 4 ft		
oxyacantha English Hawthorn 15 ft.		
This variety is very adaptable to shearing and a hedge. It has spreading branches, stout spines a which are followed by scarlet berries.	nakes a l and white	peautiful e flowers
4 to 5 ft		

	ach	Per 10
—splendens Paul Double Scarlet Hawthorn 15 f	t.	
Same as above but flowers double scarlet.		
	4.00	
	5.00	
5_to 6 ft	6.00	
Dogwood—See Cornus		
Elm—See Ulmus		
Fagus americana American Beech B & B 50 to 75	ft.	
The numerous slender spreading branches form a	broad	d. com
pact, rounded tree. The thin leaves are dark blue light yellow and lustrous beneath. Prefers deep, rich soil but is found and does well on a great variety of	-green , well	above
2 to 3 ft	4.00	
3 to 4 ft	6.00	
Flowering Peach—See Amygdalus		
riowering reach See Amygunus		
Fraxinus americana White Ash 70 to 80 ft.		
A lofty tree with spreading upright branches formin top. Leaves turn to shades of yellow and purple in moist limestone soils. A beautiful rapid growing tre	fall.	
	2.50	
	3.50	
	4.00	
	5.00	
lanceolata Green Ash 60 ft.		
A hardy tree for ornamental and street planting. T leaves change in autumn to shades of yellow and pu		ep greei
6 to 8 ft	2.50	
	3.50	
	4.00	
Gleditsia triacanthos Common Honeylocust 50 to	75 ft.	
A large spiny tree with spreading branches creating		
top. In autumn the glossy green leaves fade to pa		
long flat seed pods are formed. It makes an almost		
hedge if planted close and kept severely pruned.	Grows	rapidly
and is free from disease.		
4 to 6 ft	1.50	
6 to 8 ft	2.25	
8 to 10 ft	3.00	
Per 100 Per 1000		
18 to 24 in\$5.00 \$40.00		

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each Per 10

Hawthorn—See Crataegus

Honeylocust-See Gleditsia

Hoptree—See Ptelea

Judas Tree—See Cercis

Linden—See Tilia

### Liriodendron tulipifera Tuliptree 70 to 100 ft.

This tree is conspicuous for its tulip-like greenish yellow flowers and bluish green foliage which assumes a brilliant yellow in autumn. It is very fast growing and is highly prized for its lumber.

6 to 8 ft	3.00	
8 to 10 ft	4.50	
11/2 to 2 in	6 00	

#### Locust, Common—See Robinia pseudoacacia

### Malus atrosanguinea Carmine Crab 10 to 15 ft.

A highly ornamental group of spring flowering trees whose flowers are followed by interesting colorful fruit. Valuable as single specimens in the lawn or in connection with other shrubbery. All prefer a deep rich loam. Atrosanguinea has abundant deep carmine flowers which do not fade to white.

3 to 4 ft.	3 00
3 TO 4 IT.	

#### floribunda Japanese Flowering Crab 12 to 15 ft.....

A compact spreading variety often as wide as it is high. Deep rose-pink flowers, fading to white, literally cover the plant in spring. Fruit yellow and red.

3 to 4 ft	3.00	
4 to 5 ft	3.50	

### halliana parkmani Parkman Crab 12 to 15 ft.

This very attractive variety has semi-double pink flowers on long stems and red fruit.

3 to 4 ft		. 3.50
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#### ioensis plena Bechtel Crab 10 to 15 ft.

This is an outstanding variety, the flowers of which resemble a pink rose and are somewhat fragrant. It is the last of the crabs to flower in the spring and its flowers are followed by a dull green fruit which has lighter spots on the skin. Grows more upright than the preceding.

3 to 4 ft	2.00	
4 to 5 ft	3.00	

Marine alles mandales Tour W. Marine Malles Co.	Each	Per 10
<b>Morus alba pendula</b> Teas Weeping Mulberry 6 of This very ornamental tree has branches that drown and bears fruit that is readily eaten by birds.		ground
1 year head	4.00 6.00	
—tatarica Russian Mulberry 15 to 25 ft. This somewhat dwarf tree bears small blackly which make it suitable for a bird sanctuary.	oerry-lik	e fruits
4 to 5 ft	1.00 1.50	9.00 14.00
—Downing Mulberry 20 to 30 ft.		
This rapid growing tree forms a dense head and leaves and fruit which somewhat resembles lar This fruit is borne over a long period during mid attractive to birds.	ge blaci	kberries
3 to 4 ft	2.50 3.00	
-New American Mulberry 20 to 30 ft.		
Another very desirable variety with small leaves bearer of fruit.	. A very	prolific
3 to 4 ft	2.50 3.00	
Mountain Ash—See <b>Sorbus</b>		
Dak—See <b>Quercus</b>		
Planetree—See Platanus		
Platanus orientalis European Planetree 80 ft.  The characteristic of this broad, round headed grayish white bark usually mottled by darker blot bark. The bright green leaves make it a beautif lawn or street tree and it is desirable for dry smol 8 to 10 ft	ches of t ul and r ky place	he older najestic

Plum, Flowering-See Prunus

Poplar-See Populus

# Populus bolleana Bolleana Poplar 50 to 60 ft.

10 to 12 ft.....

 $1\frac{1}{2}$  to 2 in.....

A very tall, narrow-topped, columnar tree which greatly resembles the Lombardy in form. The leaves are very interesting being green above and almost white beneath, the effect of which is

4.00 5.00

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each Per 10 most pleasing when wind blown. Grows rapidly in good soil but
thrives in poor soil and exposed situations. Effective in creating a skyward line.
6 to 8 ft
candicans Balm-of-Gilead Poplar 50 to 70 ft.
A frequently planted, strong growing native tree esteemed for its vigor and hardiness and the resinous fragrance of its large buds in spring. The broad irregular top with large heart-shaped leaves make this street or lawn tree one of the best of its kind for shade. Grows rapidly in all soils and situations.
6 to 7 ft       1.25       11.50         8 to 10 ft       2.00       17.50         10 to 12 ft       3.00       27.50
eugenei Carolina Poplar 75 to 100 ft
A tall tree intermediate in shape between the columnar and spreading varieties. It might be described as diamond shaped, the upper half being an upright pyramid and the lower half an inverted pyramid. A vigorous rapid growing tree.
6 to 8 ft
nigra italica Lombardy Poplar 60 to 80 ft.
The deep green leaves clothe this beautiful columnar tree almost to the ground. This and the Carolina Poplar are the two most widely planted for ornamental purposes. Italica is fast growing and is used for formal effects, such as high screens.
6 to 8 ft.       1.50       12.50         8 to 10 ft.       2.00       17.50         10 to 12 ft.       3.00       27.50
simoni Simon Poplar 25 to 30 ft.
An upright fast growing tree which has dark green leaves which cling until well into the winter. It is hardy in the north and is useful where wind-breaks and formal plantings are desired.
6 to 8 ft
Prunus Double White Flowering Cherry
A handsome, medium sized, ornamental bearing large double white blooms. One of the most beautiful flowering trees.
fruticosa pendula Weeping Bush Cherry  A beautiful weeping form of the Japanese Flowering Cherry.  Makes a fine lawn specimen. White flowers in May.
6.00

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

		<del>, , , , , , , , , , , , , , , , , , , </del>
	Each	Per 10
Newport Purpleleaf Plum		
A new introduction of exceptional value which	has lar	ge deep
purple foliage and is rapid growing and hardy.		
3 to 4 ft	$\substack{1.75 \\ 2.00}$	
pissardi Purpleleaf Plum 15 ft.		
The dark purple leaves on this handsome shrub tain their unusual color throughout the summer. flowers in May are followed by wine-red fruits. It this tree often as the best color is obtained or growths. Hardy wherever the common plum will	The blui t is well to n strong	sh white to prune
3 to 4 ft		
triloba Flowering Plum 6 to 8 ft.		
A beautiful spring flowering shrub sometimes risi of a small tree. Appearing before the leaves are double flowers fading to white. An excellent lawn	clear pir	nk semi-
2 to 3 ft		12.50 17.50
Ptelea trifoliata Common Hoptree 25 ft.		
This small round-headed tree has dark green lus greenish white flowers followed by winged fruit the bark, leaves and fruit emit a strong pungent that of hops. Thrives in a porous moderately mois a somewhat shaded position.	t. When odor res	bruised embling
3 to 4 ft	1.50	12.50
4 to 5 ft	1.75	15.00
Pussy Willow—See Salix discolor		
Yyrus—See Malus		

### P

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### Quercus alba White Oak 80 to 100 ft.

A beautiful lawn or park tree where room can be allowed for its full development. This round headed, much branched tree often retains its foliage in its fall colors of red and purple throughout the winter. Slow and even of growth, attains great age.

6 to 8 ft	6.00	
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#### palustris Pin Oak 80 ft.

Handsome pyramidal tree often used for avenues and lawn specimen, grows rapidly and prefers somewhat moist soil, it is fibrous rooted and transplants well making one of the most

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each Per 10
shapely and graceful trees. Foliage bright green changing in autumn to bright red.
6 to 7 ft 5.00
7 to 8 ft
rubra Common Red Oak 80 ft.
This large round topped Oak grows rapidly and attains majestic proportions in old age. At time of unfolding the leaves are rosy pink, at maturity are dark green, and in autumn change to dark red. Valuable as park or avenue trees or when grown as single specimens. Prefer moderately moist rich soil but will thrive in rocky or sandy situations.
8 to 10 ft. 6.50 1 $\frac{1}{2}$ to 2 in. 7.50
Redbud—See Cercis
Robinia pseudoacacia Common Locust 50 to 80 ft.
A very ornamental tree which stands transplanting well and is rapid growing when young. Succeeds in almost any soil
8 to 10 ft
Per 100 Per 1000 18 to 24 in\$4.00 \$30.00
Salix babylonica Babylon Weeping Willow 40 to 50 ft.
A beautiful tree of weeping habit with long slender olive green branches. Long, narrow, pointed leaves. Rapid grower in rich damp ground.
5 to 6 ft 1.50 12.50
6 to 8 ft
blanda Wisconsin Weeping Willow 40 to 50 ft.
A hybrid of the above with spreading limbs and brownish green weeping branches. A beautiful tree often found near water.
5 to 6 ft
6 to 8 ft
discolor Pussy Willow 10 to 20 ft.
The silvery white silky catkins appear in early spring before the leaves and are much prized for use in connection with cut flowers.
A shrub or small tree.

3 to 4 ft.....

 .60

. 75

.90

5.50

6.00

7.50



#### SPIRAEA VANHOUTTEI (Vanhoutte Spirea)

This is the most extensively planted shrub of the entire flora. Grows under all conditions and is desirable to plant in most landscape schemes, with conifers, deciduous plants, or by itself.



SYRINGA VULGARIS (Common Lilac)

The Lilac is usually one of the best loved memories of youth and its fragrant heavy trusses of beautiful flowers are always of pleasant interest. For cut flowers and decorative purposes they cannot be surpassed. The shrub is one of the oldest plants under cultivation and will always be popular. It is valuable for massing or for planting as a single specimen both for its flowers and for its beautiful lasting foliage.

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

	Each	Per 10
elegantissima Thurlow Weeping Willow 60	) to 70 ft.	
This tree has long, yellowish green, weeping b	ranches ar	d form
a larger crown than Babylonica. Thrives in mo	oist rich soi	1.
6 to 8 ft	3 . 00	
8 to 10 ft		
Niobe Weeping Willow 40 to 50 ft.		
A graceful weeping tree with bright green leav	es, silverv	beneatl
borne on twigs tinged with red. Willows flour	rish in wet	ground
along streams, and at the border of ponds, but	may be cu	ltivate
in other situations.		
4 to 6 ft	1.50	12.5
6 to 8 ft	2.00	17.5
pentandra Laurel Willow 8 to 20 ft.		
The leaves of this erect large shrub or small tre	ee greatly r	ecembl
those of the Laurel from which it derives i		
Much used for hedges and screens as it stands		
thrives in dry locations.		** *** ***
4 to 6 ft	1.50	
6 to 8 ft		
0 to 6 ft	2.00	
vitellina Golden Willow 60 to 70 ft.		
The yellow branches of this tree are very con-		specially
in early spring. Trunk often 4 feet or more in d		
4 to 6 ft		
6 to 8 ft	2.00	
orbus aucuparia European Mountain-Ash 30	) to 40 ft	
A very ornamental tree with fragrant white flo		tonno
flower heads, followed by large clusters of brig	tht red fru	it which
remain on the tree all winter if not eaten by	the hirds	Foliag
turns orange-red in autumn.	the birds.	1 01146
	3 00	
6 to 8 ft		
8 to 10 ft		
8 to 10 ft	4.00	
8 to 10 ft  —pendula Weeping Mountain-Ash 8 to 10	4.00 ft.	
8 to 10 ft  —pendula Weeping Mountain-Ash 8 to 10 A form of the above with large graceful droop	ft.	
8 to 10 ft	ft.  bing branch specimen.	
8 to 10 ft	ft. specimen. 4.00	nes. Ber
8 to 10 ft	ft. specimen. 4.00	
8 to 10 ft	ft. specimen. 4.00  4.00  6.00	nes. Ber
8 to 10 ft	ft. bing branch specimen. 4.00 6.00	nes. Ber
8 to 10 ft	ft. bing branch specimen. 4.00 6.00	nes. Ber
8 to 10 ft	ft. sing branch specimen. 4.00 ft. 6.00 ft.	nes. Ber

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Tilia americana American Linden 60 to 70 ft.

Each Per 10

This large tree forms a dense rounded head and has yellowish white fragrant flowers followed by nut-like fruit. Recommended for street and ornamental planting, being a rapid grower and easily transplanted.
6 to 8 ft. 4.00 8 to 10 ft. 6.00 1½ to 2 in. 7.00
vulgaris Common Linden 60 to 70 ft.
One of the best trees for general planting is this variety whose spreading branches form a broad crown. Leaves resemble the former but are slightly smaller.
8 to 10 ft. 4 00 1½ to 2 in. 6 00
Tuliptree—See Liriodendron tulipifera
Ulmus americana American Elm 100-120 ft.
This tall wide spreading tree attains a great height. One of the favorite avenue trees in the northeastern states.
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
campestris English Elm 80-100 ft.  A more densely branched tree than the former with smaller and darker leaves which are retained for several weeks longer in the fall. Does not attain such heights.  6 to 8 ft
10 to 12 it
camperdowni Camperdown Elm 10 to 20 ft.  This tree is usually low and flat topped with the weeping branches sweeping the ground. Luxuriant deep green foliage.  2 year head
Specimens, 10 ft
Moline Elm 80 ft.
A very shapely tree with upright arching branches and exceptionally large dark green leaves. A rapid growing valuable addition to the list of Elms.
6 to 8 ft

pumila Dwarf Asiatic Elm (Chinese Elm) 50 to 60 ft.  The fastest growing elm, small leaved and very bushy.	
$1\frac{1}{4}$ to $1\frac{1}{2}$ in	
Vase Elm 100 ft.  The main characteristic which separates this variety from the American Elm is the vase-like form which it assumes. The branches are upright and somewhat spreading.  6 to 8 ft	
8 to 10 ft	
Umbrella, Chinese—See Catalpa bungei	
Washington Hawthorn—See Crataegus	
Willow—See <b>Salix</b>	
NUT TREES	
Hicoria laciniosa Shellbark Hickory 60 to 80 ft.	
A tall tree with a slender trunk, forming a narrow crown of small spreading branches. Nuts of excellent quality in October. Grows rapidly but prefers rich bottom lands.	
2 to 3 ft 3.00	
Juglans cinerea Butternut 40 to 60 ft.	
This medium sized tree is attractive for the lawn, having a wide spreading crown. Has sweet edible nuts. Prefers low rich woods, river banks or low hill-sides.	
3 to 4 ft	
4 to 5 ft	
nigra Black Walnut 60 to 80 ft.	
A very beautiful tree adapted for lawn, landscape or orchard planting.	
2 to 3 ft	
3 to 4 ft	
6 to 8 ft	
sieboldiana Japanese Walnut 50 ft.	
This attractive broad headed tree has nuts which are superior to those of the native species. Will probably become valuable where the English Walnut is too tender.	
3 to 4 ft	

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

# VINES

Vines are not sufficiently appreciated in modern landscape design. They are useful for covering unsightly places, making solid screens when planted beside fences, arbors or pergolas.

Per 10 Each Akebia quinata Five-leaf Akebia..... \$1.00 \$9.00 This plant is valuable for covering pillars and walls and bears fragrant purple flowers during April and May. Its foliage is somewhat open and it requires a sunny position and well drained soil.

American Ivy-See Ampelopsis quinquefolia

Ampelopsis engelmanni Engelmann Creeper ... 7.00 A high climbing vine, clinging by means of adhesive cups at the ends of its tendrils. Its dull green leaves, turning bright scarlet in autumn, make it particularly suited to cover brick work.

quinquefolia Virginia Creeper..... 7.00 This vine is much like the A. engelmanni but has larger leaves.

tricuspidata (veitchi) Japanese Creeper (Bos-

ton Ivy).... A slow growing but high climbing vine clinging well to all surfaces. Its handsome foliage and exceptional hardiness make it the most generally used of climbing vines.

9.00

Aristolochia sipho Dutchmans-Pipe Grafted . . . 2.50 The name of this plant comes from the bent tube shape of its flowers. Its large heavy leaves produce a dense cover making it an excellent vine for porches.

Bignonia radicans Trumpetcreeper.... 9.00 A high climbing shrub or vine clinging by aerial rootlets and bearing striking trumpet-like flowers of orange and scarlet during late summer. Its strong tendrils make it especially suited to covering trellises and arbors.

Bittersweet—See Celastrus

Boston Ivy-See Ampelopsis tricuspidata

Celastrus orbiculatus Oriental Bittersweet . . . . 1.00 9.00 A hardy climbing shrub with bright green leaves and crimson fruits with orange-yellow jackets. This vine does almost as well in the shade as in the sun and with its attractive fruits is very

desirable for trellises and arbors where other vines will not grow.

Each Per 10 scandens American Bittersweet..... 1.00 9.00 This is a high climbing vine, more vigorous than C, orbiculatis. Its fruit is orange-yellow, borne in clusters, and makes a fascinating winter boquet. China Fleecevine—See Polygonum Clematis Large Flowering Varieties.......... 1.50 14.00 These Clematis climb only 6 to 8 feet but when they receive good sunlight are robust and free blooming. The blossoms, 2 to 3 inches across, are borne during late spring and summer. Henry Clematis-White Jackman Clematis-Purple Mme, Edouard Andre Clematis-Red Ramona Clematis-Steel Blue paniculata Sweet Autumn Clematis...... This vigorous hardy climber with its star-like flowers is one of the latest blooming vines. Plants are literally covered with bloom in early September. Useful for covering porches and arbors or for training against walls. texensis (coccinea) Scarlet Clematis...... 11.50 A small graceful climber reaching 6 to 8 feet in height. Broad bright green leaves,  $1\frac{1}{2}$  to 3 inches long. Flowers solitary, pitcher shaped, nodding and carmine or scarlet in color. Dutchmans-Pipe-See Aristolochia sipho Englemann Creeper—See Ampelopsis engelmanni Honeysuckle—See Lonicera Japanese Creeper—See Ampelopsis tricuspidata Lonicera flava Yellow Honeysuckle..... A climber to 10 feet. Leaves bright green. Flowers bright yellow to orange, fragrant. April-May. japonica halliana Halls Japanese Honeysuckle .75 A very desirable trailing vine for covering trellises, arbors, fences and stumps. It may be used wherever a flowering vine of dense

growth is required. Escaped from cultivation, it is often found covering steep banks where it holds the earth in place remarkably well. Its leaves are almost evergreen, hairy and about  $2\frac{1}{2}$  inches in length. Its very fragrant flowers, borne in fall, are white chang-

ing to yellow, often purplish outside.

periclymenum aurea Golden Woodbine.... 1.00

Each

Per 10

9.00

A variety of the above with like characteristics except that the leaves are smaller and, in this variety, handsomely netted with yellow.
—belgica Dutch Woodbine (Monthly Fragrant Honeysuckle)
<b>sempervirens</b> Trumpet Honeysuckle 1.00 9.00 A strong climbing vine with semi-evergreen leaves and orange-scarlet flowers borne in May and September. Splendid for porches.
<b>Lycium chinense</b> Chinese Matrimony Vine 1.00 9.00 A good plant for covering bare rocky places. Its slender drooping branches are somewhat thorny and have grayish green leaves. Its flowers are pink and purple from June to September and are followed by a profusion of lasting bright scarlet and orange fruit.
Matrimony Vine—See Lycium chinense
Polygonum auberti China Fleecevine
Virginia Creeper—See Ampelopsis quinquefolia
Wistaria sinensis Chinese Wistaria—Purple 2.00 A rapid growing tall vine with graceful foliage and pea shaped purplish flowers profusely borne in dense drooping clusters 7 to 12 inches long opening in mid-spring. The vivid contrast of flowers and foliage makes it very conspicuous.
—alba White Chinese Wistaria
Woodbine—See <b>Lonicera</b>

# ROSES

#### **VARIETIES**

No other plant gives such pleasurable return for the care expended as the rose. The varieties in color, shape and size make for a gorgeous aspect in any garden.

#### WHERE AND WHEN TO PLANT

Roses need well drained sunny soil. If drainage is necessary, it may be provided by tiling or by putting a 3 inch layer of crushed stone 18 inches below the surface. The soil should be prepared by spading to a depth of 15 to 18 inches and mixing the dirt with about one-third well rotted manure. It is preferable to do this the season before planting.

#### **HOW TO PLANT**

The hole should be large enough so that the roots are not crowded and the bush held in the center so that the crown (where the branches start) is about an inch below the surface. Loose dirt should then be packed about the roots but to not completely fill the hole. Pour water in this space and, when the water is completely settled, thoroughly pack in the rest of the soil. Lastly, the surface should be carefully raked to make a one or two inch layer of loose dirt to act as a mulch.

Before planting, broken roots should be cut off and the tops trimmed back to the crown. However, leave the last three leaf buds on the 2 or 3 strongest branches.

#### **CULTURAL SUGGESTIONS**

Unless there is much rain, roses should be watered once weekly the first year they are planted. Prevention is better than cure, so spray weekly with bordeaux mixture and arsenate of lead, procurable from your local drug store. If insects are found they may be controlled with a spray consisting of one teaspoonful of nicotine sulphate (Black-Leaf 40), one-tenth of a cake of Ivory soap and two gallons of water. This spray may be repeated frequently.

#### WINTER CARE

After the first heavy frost a 10 inch layer of dirt should be heaped about the plant. When this is frozen, but not before, cover with a thick layer of straw or leaves. In the spring, about April 5th to 10th, the layer should be removed and, about a week later, after the frost has gone, the heaped-up dirt should be taken away. It is then time to prune the roses again. Climbing roses, however, should be pruned only when it is necessary to keep them within bounds.

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### HYBRID PERPETUAL AND MISCELLANEOUS ROSES

Each Per 10 \$9.00 \$9.00

Alfred Colomb—light crimson Anna de Diesbach—dark pink Captain Hayward—bright red Clio-flesh pink Earl of Dufferin-dark crimson Eugene Furst-dark crimson Fisher Holmes-bright crimson Frau Karl Druschki-snow white General Jacqueminot-scarlet crimson George Arends—soft pink George Dickson—black-crimson Harisons Yellow-bright yellow J. B. Clark—crimson Magna Charta—bright pink Marshall P. Wilder—deep pink Mrs. John Laing-pink Mrs. R. G. Sharman-Crawford-pink Paul Neyron—bright clear pink Persian Yellow—deep yellow Prince Camille de Rohan-dark crimson Soliel d'Or-red and gold Ulrich Brunner—purple-crimson

#### **HYBRID TEA ROSES**

2 Year No. 1..... 1.25 11.00

Admiral Dewey-maroon Betty—copper rose Betty Uprichard-orange-carmine Columbia—rose pink Dame Edith Helen-pink Dorothy Page-Roberts-copper pink Duchess of Wellington-saffron yellow Elvira Aramayo—flaming red Etoile de France—crimson Felicity—pink shaded cerise General MacArthur—scarlet-crimson Golden Emblem-rich yellow Golden Ophelia-golden yellow Gruss an Teplitz—brilliant crimson Independence Day-apricot yellow Irish Elegance—apricot yellow, single Irish Fireflame—orange pink, single Jonkheer J. L. Mock—carmine pink Kaiserin Auguste Viktoria—creamy white Killarney—pink Killarney Brilliant-bright pink Killarney White-pure waxy white



ACER PLATANOIDES (Norway Maple)

Because of its broad, dense, symmetrical top and the fact that its leaves are dropped all at one time in late fall, this beautiful tree ranks high both as a lawn specimen and for street-side planting. City street departments favor its use on account of its long life and because it successfully withstands severe windstorms.



BETULA ALBA (White Birch)

This graceful tree is deserving of more popularity. The beautiful glossy leaves borne on its many fine branchlets are stirred by the slightest breeze and the white bark of its trunk and larger branches arrests the eye at all times. Planted in a group of other trees and shrubs or with evergreens, the Birch adds interest. Picturesque effects are often achieved by planting two or three close together to give a natural effect. Birch should be transplanted only in spring.



CATALPA BUNGEI (Umbrella Catalpa)

These dense round headed trees are well suited for formal plantings or in narrow courts where larger growing shade trees get out of proportion. They should always be planted in pairs to produce the best effect.



# CORNUS FLORIDA RUBRA (Redflowering Dogwood)

The Red Dogwood is the envy of all European gardeners since it is only to be found in this country. The delicate red coloring of its unusual flowers is visible from great distances in spring as are its brilliant scarlet fruits in fall. It presents a pleasing appearance in a shrub or evergreen grouping or as a single specimen in a lawn.

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each Per 10 Hybrid Tea Roses-Continued Lady Ashtown-deep shiny pink Lady Hillingdon—apricot vellow Laurent Carle-velvety purplish crimson Los Angeles-pink Miss Lolita Armour—copperv vellow Mme. Butterfly-light pink shaded with gold Mme. Caroline Testout—satiny rose
Mme. Edouard Herriot—brilliant orange red Mme. Jules Bouche-white, pink center Mrs. Aaron Ward-vellow Mrs. Ambrose Ricardo—deep vellow with pink Mrs. Charles Bell-shell pink Mrs. Henry Bowles-dark pink Mrs. Henry Morse—bright pink
Mrs. S. K. Rindge—soft yellow suffused with pink Mrs. Wakefield Christie-Miller-pink Ophelia-pinkish white Padre—copper scarlet Premier—dark pink Radiance-rose-pink Red Radiance-rose-red Rev. F. Page-Roberts-golden yellow Rose Marie—clear rose-pink Shot Silk-coppery rose Souv. de Claudius Pernet-beautiful clear yellow Souv. de Georges Pernet-copper-pink Souv. de H. A. Verschuren-light yellow Sunburst-rich yellow Wilhelm Kordes-golden salmon Willowmere-rich pink Wm. F. Dreer-orange pink POLYANTHA ROSES 2 Year No. 1..... ...... 1.25 10.00 Erna Teschendorff-bright red Ideal-dark scarlet Miss Edith Cavell-brilliant scarlet red Mme. Norbert Levavasseur (Red Baby)—bright purple crimson Mrs. W. H. Cutbush (Pink Baby)-bright rosy pink Orange King Triomphe Orleanais—bright cherry red RUGOSA ROSES 2 Year No. 1.... 1.25 10.00 (unless otherwise noted) Agnes Emily Carman-brilliant red Charles Frederick Worth-deep crimson

Conrad Ferdinand Mever-silvery rose

Dr. E. M. Mills—vellow

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

	Each	Per 10
Rugosa Roses—Continued		
Grootendorst—red New Century—flesh pink Rosa rugosa alba—white	. 1.50	12.50
MOSS ROSES 2 Year No. 1	. 1.00	9.00
Crested Moss—pink Henri Martin—red		
CLIMBING ROSES		
2 Year No. 1 (unless	. 1.00 otherwise	
American Pillar—brilliant crimson pink Blue Rambler—reddish lilac changing to ste		, <b>,</b>
Cl. American Beauty—brilliant carmine Crimson Rambler—scarlet red Dorothy Perkins—shell pink	1.25	10.00
Dr. Van Fleet—pale pink, long stems Excelsa—scarlet crimson Flower of Fairfield—everblooming crimson r Gardenia—yellow Goldfinch—deep yellow Graf Zeppelin—light red, profuse bloomer Hiawatha—scarlet Lady Gay—pink Marie Gouchault—light red		10.00
Mary Wallace—large, very bright pink	1.25	10.00
Paul Scarlet Climber—intense scarlet Roserie—dark pink Seven Sisters—crimson	1.25	10.00
Silver Moon—large creamy flowers Tausendschon—white ruffled flowers White Dorothy—very double, pure white	1.25	10.00
NEW NOVELTIES IN ROSES		

These new roses will produce a riot of color in your garden. All have been tried and found to be improvements over the old standard sorts.

Angele Pernet—brownish orange Cuba—reddish orange Irish Hope—crimson scarlet Ivy May—pink, amber and gold

	Each	Per 10
New Novelties in Roses—Continued		
Julien Potin—primrose yellow		
Margaret McGredy—brilliant red with deep Maud Cumming—coral pink and yellow	gold	
Mrs. John Russell—crimson-scarlet shaded v	vith blac	·k
Mrs. Lovell Swisher—flesh pink	, resi Diac	,,,,
Norman Lambert—golden yellow		
Pink Pearl—light pink		
Talisman—orange red	2.00	17.50
	Each	Per Pair
Tree Roses Colors only	5.00	9.00
Red, Pink, Yellow and White		
Rosa rubiginosa Sweetbrier Rose		
Mainly noted for its continuous sweet brier frag	rance. T	he small
clusters of bright pink flowers are beautiful.		
	Each	Per 10
2 to 3 ft		7.50
3 to 4 ft	1.25	11.00
Rosa rubrifolia Redleaf Rose		
The purplish branches and foliage make this var landscape subject. Pink flowers in June followed		
2 to 3 ft	. 1.25	11.00
3 to 4 ft	. 1.50	12.50
Rosa setigera Prairie Rose		
Long slender curved branches. Deep rose flowers	in June	followed
by bright red fruits which are very persistent.  2 to 3 ft	85	6.50
3 to 4 ft		7.50
Rosa wichuraiana Wichurian Rose		
A creeping variety and the parent of many of ou Beautiful dark green glossy foliage.	ır climb	ing roses
2 Year No. 1	. 1.00	7.50
=		, . 00

# **PERENNIALS**

From the Columbines of early April, through the flower pageant of Peonies, Larkspurs, Foxgloves, Coreopsis, and the Phlox, to the climax of Asters and Chrysanthemums, this story of fragrance and beauty repeats itself year after year, lavishly repaying the owner for the little care and attention which the plants require. With a judicious selection of hardy perennials in the garden, you have a constant supply of flowers for table and house decoration. They can be planted almost anywhere—in beds or borders by themselves; as a foreground for shrubbery plantings; in rockeries; and, of course, are indispensable in the formal garden.

Per 6	Per 12	Per 100
\$2.40	\$4.00	\$25.00

Unless otherwise noted

Achillea Boule de Neige Sneezewort 2 ft.

Profusion of white flowers all summer.

Perry White 2 ft.

Large white flowers. June to September.

Adams Needle-See Yucca

# Agrostemma—See Lychnis

# Alyssum saxatile compactum Dwarf Goldentuft 1 ft.

Golden masses of double flowers in April and May. Good rock plant.

Althea officinalis Marshmallow. New Giant Mixed. Pink, Red, White 5 to 8 ft.

Flowers from early July until late September.

rosea Hollyhock 4 to 6 ft.

Double Maroon, Double Red, Double Yellow, Double White, Double Salmon Rose, Double Bright Rose.

Excellent when planted with shrubbery or in garden.

# Anchusa italica Bugloss Dropmore 4 to 5 ft.

Large gentian-blue flowers.

# Anthemis tinctoria kelwayi Kelway Chamomile 2 ft.

Masses of yellow flowers throughout summer. Finely cut foliage.

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### Aquilegia alpina Alpine Columbine 1 ft.

Suited to rock gardens. Delicate violet-blue flowers in May and June.

**bicolor florepleno** Double Flowering Columbine  $1\frac{1}{2}$  to 2 ft. Double white and lavender flowers. May-June.

caerulea Colorado Columbine

Long-spurred bright blue flowers.

hybrida Hybrid Colorado Columbine

Similar to above. Mixture of colors.

chrysantha albaplena Double Golden Columbine 2½ ft.

Double golden vellow flowers until well into July.

Double Mixed Columbine 21/2 ft.

Various colored flowers. May-June

### Arabis alpina Alpine Rockcress 6 in.

Suitable for rock gardens, making a dense carpet. Small white flowers in Spring.

### Aster alpinus Rock Aster 8 in.

Single blue flowers from late May until July. For rock gardens.

-albus White Rock Aster 8 in.

Like above. White flowers.

Babysbreath—See Gypsophila

Bachelor-Button-See Centaurea

Balloonflower—See Platycodon

# Baptisia australis Blue Wild-Indigo 4 to 5 ft.

Pea shaped blue flowers in June. Sea-green foliage.

Beebalm-See Monarda

Bellflower—See Campanula

# Bellis perennis English Daisy 3 to 4 ft.

Numerous pink and rose double flowers appear in May and June.

Bleedingheart—See Dicentra

# Bocconia cordata Plumepoppy 6 to 8 ft.

Stately plant with numerous spreading stems. Large sea-green leaves. Creamy white flowers slightly suffused with pink in July and August.

# Campanula carpatica Blue Carpathian Bellflower 6 in.

Grows in dense tufts. Large flowers almost throughout summer.

**medium** Canterbury Bells. Blue, pink and white. 2 to 3 ft. An imposing display of bell-shaped flowers in June.

pyramidalis Chimney Bellflower 3 ft.

Flowers blue, in dense pyramidal racemes. August to September.

Campion—See Lychnis

Candytuft-See Iberis

Canterbury Bells—See Campanula

Centaurea montana Mountain Bluet (Bachelor Button) 1½ ft. Long bright green leaves. Large violet-blue flowers from July to September.

Chamomile—See Anthemis

Cheiranthus allioni Wallflower 1 ft.

Brilliant orange flowers. Its dwarfness makes it suited to rock gardens. Very free blooming.

Chelone Ivoni Pink Turtlehead 2 ft.

Spikes of purplish-red flowers during summer and fall. Glossy pointed leaves.

Chrysanthemum  $1\frac{1}{2}$  ft.

Goachers Crimson—Crimson with yellowish bronze.

Indian—Coppery red

Little Bob—Mahogany crimson

Marie Dupont-Large pure white, free blooming

October Gold-Rich golden bronze

Old Homestead—Double pink

Tile Red-Light brick red

Tints of Gold-Yellow, center light bronze

Wanda-Double white, frilled

Double Pink

Double White

Effective long after other garden flowers are destroyed by frost. Should be planted in sheltered locations.

coccineum (Pyrethrum) Painted Lady 1½ ft.

Flowers borne early in the spring. If kept from forming seed pods will flower all summer.

Columbine—See Aquilegia

Coreopsis grandiflora Big Coreopsis 2 ft.

Large golden yellow blossoms appear through summer and autumn.

**Delphinium** Belladonna Larkspur 3 to 4 ft.

Clear sky blue color. Free blooming. Excellent cut flowers.

Bellamosa Larkspur 3 to 4 ft.

Similar to above except that flowers are rich dark blue.

Gold Medal Hybrids 4 to 5 ft.

Produces enormous flower spikes.

Dianthus barbatus Sweet William 2 ft.

Pink Beauty, Hunt Perfection-salmon, Scarlet Queen, Velvety Black Maroon, Dunnetts Dark Crimson and Double Mixed.

Numerous flowers in compact round-topped clusters.

caryophyllus Clove Pink (Carnation) 2 ft.

Selected strains of greenhouse varieties suited to outdoor planting

**Dicentra spectabilis** Bleedingheart 2 ft., each.......\$1.00 Large heart-shaped rosy flowers, nodding in graceful racemes.

Digitalis Mixed Foxglove 2 to 3 ft.

Tubular shaped flowers borne in June.

Dropmore—See Anchusa

Echinacea purpurea (Rudbeckia) Purple Hedgehog-Coneflower 3 to 4 ft.

A stately border plant. Cone shaped flowers.

Echinops ritro Steel Globethistle 3 ft.

The sea-green foliage and steel blue flowers form a distinct color effect. The cut flowers may be kept in the house throughout the winter.

English Daisy-See Bellis

Eryngium planum (Sea Holly) 2 ft.

A hardy plant bearing fine steel-blue flowers in July and August.

Eulalia-See Miscanthos

False-Dragonhead—See Physostegia

Flax-see Linum

Foxglove—See Digitalis

Gaillardia aristata (grandiflora) Perennial Gaillardia 1½ ft.

The gorgeous large flowers are dark red-brown in the center and petals marked with rims of brilliant crimson, orange and vermillion. Flowers all through the season.

Globe Thistle—See Echinops

Goldenglow—See Rudbeckia

Grass-See Miscanthos

Gypsophila paniculata Babysbreath 2 to 3 ft.

A profusely branching herb with stiff stems. Numerous small white flowers.

**repens** Creeping Gypsophila 4 in.each............\$ 0.75 An elegant trailing plant suited for rock-works or ground cover. Small white flowers in July and August.

Heliopsis helianthoides pitcheriana Pitcher Heliopsis

Flowers deep golden yellow. An excellent cut flower.

Hollyhock-See Althea rosea

**Iberis sempervirens** Evergreen Candytuft 8 in.—each. ..\$ .75 Dazzling white flowers in clusters. Splendid as a ground cover or border.

Indigo—See Baptisia

#### Iris germanica German Iris

Aurea-Clear Bright Yellow

Celeste-Blue

Flava-Pale Yellow

Her Majesty-Rosy-lilac. Large

Honorabile—Golden yellow blotched with mahogany

Jacquesiana-Velvet maroon tinged with bronze and crim-

Lord of June-Light blue violet

Mme. Chereau-Pure white

Monsignor-Lavender-blue and violet. Late flowering.

Pallida dalmatica—Beautiful clear blue large flowers. Vigorous

Parisiana—Purple

Quaker Lady—Smoky lavender Queen of May—Delicate old rose. Early flowering.

Rhein Nixe-Upper petals pure white. Lower violet-blue with white edge

Snow Queen-White

Theresita—Purple and white

## Kniphofia uvaria Common Torchlily (Tritoma) 3 ft.

Scarlet-vermilion spikes of flowers on long stems.

Lantern Groundcherry-See Physalis

Larkspur-See Delphinium

## Linum perenne Perennial Flax 1 ft.

Light blue flowers from May to August. Good for the rock garden.

Loosestrife—See Lythrum

## Lychnis chalcedonica Maltese Cross 2 ft.

Compact terminal heads of brilliant orange-scarlet flowers in June and July.

**coronaria** Rose Campion  $2\frac{1}{2}$  to 3 ft.

Crimson flowers in June and July. Silvery foliage.

haageana Haage Campion 1 ft.

Large orange-scarlet flowers from June until August. Dwarf variety.

viscaria splendens Rosepink Campion. 2 ft. Bright crimson flowers during May and June.

## Lythrum salicaria roseum Rose Loosestrife 3 to 4 ft.

Large spikes of rose colored flowers. July-September.

Maltese Cross—See Lychnis

Marshmallow-See Althea

Meadowrue-See Thalictrum



MRS. CHARLES BELL



PRINCE CAMILLE DE ROHAN



REV. F. PAGE-ROBERTS



SOUVENIR DE CLAUDIUS PERNET



TALISMAN



WILLOWMERE

No other plant has ever won such popularity as the rose—and well has this popularity been merited. This group has all been tried and each rose has proven its worth.



DOUBLE WHITE KILLARNEY



ETOILE DE FRANCE



FRANCIS SCOTT KEY



GENERAL MCARTHUR



LOS ANGELES



LADY HILLINGDON

No group of so-called woody plants will produce for you the number of blooms from early spring until late fall as will the rose. Bear in mind that in the fore part of March, just before the leaf buds begin to swell, all roses should be pruned.

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Miscanthos sinensis gracillimus Maiden Grass 4 to 5 ft.

Narrow drooping leaves striped with white. Panicles freely produced toward end of growing season.

variegatus Striped Eulalia 6 to 8 ft.

Long narrow leaves striped green, white and yellow. Very graceful

zebrina Zebra Grass 4 to 5 ft. Each..... 75 Dark green leaves striped crosswise with clear vellow.

Monarda didyma Oswego Beebalm 2 ft.

Brilliant scarlet flowers in compact heads. June-August.

Mother of Thyme-See Thymus

Mountain Bluet-See Centaurea

Oriental Poppy—See Papaver

Pachysandra terminalis Japanese Pachysandra 8 in.

A trailing plant with vellowish green foliage. Very effective ground cover.

Pansy-See Viola

Papaver orientale Oriental Poppy 3 ft.

Deep scarlet cup-shaped flowers borne on long, graceful swaving stems. May be planted in front of shrubs in the border or in the perennial garden.

Periwinkle—See Vinca

Pentstemon barbatus Pentstemon 3 ft.

Produces tall spikes of brilliant scarlet flowers from June until August.

Paeonia Peony	Each	Per 10
Strong 2 Year Plants	1.00	9.00
Heavy clumps, not divided		

Magnificent display of bloom throughout June. Do well in sandy or clay soil.

Duchesse de Nemours-White. Vigorous grower.

Duke of Wellington-White. Free bloomer.

Louis Vanhoutte-Crimson.

Magnifica—Shell Pink, Erect dwarf habit, Each..... \$3.00

Marie—Lilac white fading to milk-white. Free bloomer.

Mme. de Verneville—Sulphur White. Blooms early. Mme. Loise Mere—Pink

Mons. Jules Elie-Pink. Glossy light green foliage.

Rosea Elegans-Soft Pink, Extra fine.

Rubra Triumphans-Semi-double dark crimson flowers.

#### Phlox 2 to 3 ft.

First flowers appear during the latter part of June. Second crop if first are removed. Very showy and also hardy

Annie Cook-Flesh Pink

B. Comte-Shiny Garnet

Beacon-Brilliant Cherry Red

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

#### Phlox-Continued

Eclaireur—Carmine, Light Center
Frau Anton Buchner—Large White
Gefion—Peach Blossom Pink, Rosy Eye
Lassburg—Large White
Miss Lingard—Early White, Tall
Mme. Paul Dutrie—Pale Lavender, White Spots.
Mrs. Chas. Dorr—Beautiful Lavender
Mrs. Jenkins—Very Large, Pure White
Rheinlander—Fine Salmon Pink, Deep Red Eye
Richard Wallace—White, Carmine Eye
Rijnstroom—Lively Clear Pink
R. P. Struthers—Cherry Red
Sir Edwin Landseer—Bright Crimson

Thor—Salmon Pink, Overlaid With Scarlet subulata Moss Phlox 4 in.

Sunshine-Pink, White Eye

Creeping plant blooming in early spring with large quantities of minute pink flowers. A rock garden favorite.

—**alba** White Moss Phlox 4 in. Similar to above. White flowers.

### Physostegia virginiana False-Dragonhead 2 ft.

Large terminal spike racemes of rosy-pink flowers in summer.

## Physalis francheti Lantern Groundcherry 2 ft.

Very large lantern shaped fruits of orange color. April-May.

## Platycodon grandiflorum Balloonflower 1½ ft.

Bell-shaped bluish white flowers at the end of the branches. June-July. Dense growing habit.

Plume Poppy—See Bocconia

## Pyrethrum—See Chrysanthemum coccineum

Rockcress—See Arabis

## Rudbeckia Goldenglow Coneflower 4 to 6 ft.

Showy golden-yellow double flowers are produced in great masses in late summer. Very hardy.

Sage—See Salvia

## Salvia azurea grandiflora Great Azure Sage 3 to 4 ft.

A beautiful plant with a profusion of sky blue flowers. August-September.

#### Saponaria ocymoides Rock Soapwort 1 ft.

Useful for the rockery or border. Heavy thick foliage and small rose colored flowers. May-August.

#### Sedum sexangulare Hexagon Stonecrop 4 in.

A tiny creeper with deep green, delicate foliage and yellow starlike flowers in June and July. Fine for rock gardens.

#### sieboldi Siebold Stonecrop 8 in.

Foliage changes from gray-green to light pink. Rose-pink flowers in August and September.

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

spectabile Showy Stonecrop 11/2 ft.

Enormous heads of rose-pink flowers in late summer and fall. Erect growing.

**spectabile (Brilliant)** Brilliant Showy Stonecrop  $1\frac{1}{2}$  ft. Similar to above but with bright amaranth red flowers.

stoloniferum Running Stonecrop 6 in.

A flat trailing variety with pink flowers during July and August.

**coccineum** Scarlet Running Stonedrop 6 in. Similar to above but with scarlet flowers.

Sneezewort-See Achillea

Soapwort—See Saponaria

Speedwell—See Veronica

Stonecrop—See Sedum

Sweet William-See Dianthus

**Thalictrum aquilegifolium** Columbine Meadowrue 2 ft.
Graceful foliage and masses of pure white flowers during May and June.

Thymus serphyllum (citriodora) Mother of Thyme 6 in.

A creeping plant for the rock garden. Tiny flowers borne in whorls. June-August.

Torchlily-See Kniphofia

Tritoma—See Kniphofia

Turtlehead—See Chelone

Veronica longifolia subsessilis Clump Speedwell 2 ft.

Showy blue flowers produced in long spikes during late summer and early fall. A desirable border plant. Free flowering.

spicata Spike Speedwell 2 ft.

Dense spikes of clear blue flowers in June and July. Dark green foliage.

Viola cornuta Tufted Pansy

Will bloom throughout summer and fall. Excellent edging plant for borders.

Admiration-Dark Blue.

Purple Queen—Deep Purple

Rose Queen-Fine Rosy-Pink

White Perfection-White, Lavender Center

Violet-See Viola

Wallflower-See Cheiranthus

Yarrow-See Achillea

Yucca filamentosa Common Yucca 5 ft.

Effective plant for the lawn or in dry sunny locations. Broad evergreen foliage and strong spikes of drooping creamy-white flowers in June and July.

## **EVERGREENS**

Evergreens are always in favor for landscape work, their many hued foliage making a strong background for the brilliant colors of summer, but it is in the winter, when the landscape is barren of foliage that they are most appreciated.

Arborvitae-See Thuja

Each

#### Biota-See Thuja orientalis

#### Juniperus chinensis pfitzeriana Pfitzer Juniper

A spreading form of Chinese Juniper, low, broad and irregular in habit. A very hardy fast grower. Used for mass plantings at drive entrances, for covering banks, for edging down groups of tall growing evergreens, in the rockery, or for foundation plantings around the home. This evergreen is deservedly very popular.

2	to	3	ft						 										 			. \$	5	8.	00	)
3	to	4	ft						 														1	2.	00	)
4	to	5	ft																 				1	5.	00	,
5	40	6	f+																				0	Ω.	nη	

#### communis depressa Common Juniper

This well known and valuable dwarf Juniper rarely exceeds three feet in height. A good form for ground cover. It is at home on sandy or gravelly hillsides fully exposed to the sun and single specimens sometimes reach 15 feet or more in diameter. Foliage often bluish-green in color.

18 to 24 in	6.00
2 to 3 ft	
3 to 4 ft	12.00

### -aurea Common Golden Juniper

One of the brightest golden evergreens, coming out with bright yellow foliage and gradually darkening into a deeper color as the season advances. Similar to the green form described above.

18 to 24 in	6.00
2 to 3 ft	
3 to 4 ft	2.00

#### -hibernica Irish Juniper

One of the old familiar evergreens, very formal in outline and invaluable in Italian gardens or where architectural features are to be emphasized. Grows 6 to 8 feet high and not over  $1\frac{1}{2}$  feet in diameter, making a narrow column. Color bright silvery green.

2 to 3 ft	4.00
3 to 4 ft	7.50
4 to 5 ft	10.00
5 to 6 ft	
6 to 6½ ft	15.00

Each

#### -suecica Swedish Juniper

A columnar narrow growing variety resembling the Irish Juniper but thicker especially at the top. It grows taller and is lighter or more bluish in color. A pleasing and useful tree for formal gardens.

2 to 3 ft	5.00
3 to 4 ft	7.50
4 to 5 ft.	10 00

### excelsa stricta Spiny Greek Juniper

This beautiful tree forms a dense conical head, gradually tapering from the ground to a sharp point and is of bluish-green color. The growth is slow so that the tree is adapted for foundation plantings, rock gardens, or any situation where a small dwarf tree is required.

12 to 15 in	4.00
15 to 18 in	5.00
18 to 24 in	7.00

### horizontalis Creeping Juniper

An interesting creeping Juniper which grows close to the ground and spreads eight feet or more, depending on soil and planting conditions. The color is a bluish-green, lasting well through the winter. Excellent for rockeries, at the edge of pools, or wherever a low informal effect is desired.

18 to 24 in	6.00
24 to 30 in	7.50
30 to 36 in.	9.00

### -glauca Blue Creeping Juniper

Same as above with the exception that the foliage is a soft blue color in spring and summer, changing to rich purple in late fall.

18 to 24 in	7.50
2 to 2½ ft	9.00

### sabina Savin Juniper

A low, many branched evergreen sometimes growing 4 feet in height and reaching 8 to 10 feet in width. The general effect is one of many painted plumes. The habit of growth is generally informal but the dark green color and symmetrical branches make it suited for formal plantings. Useful as a border before a background of high evergreens.

12 to 18 in	4.00
18 to 24 in	5.50
24 to 30 in	6.50
30 to 36 in	7.50
3 to 4 ft	9.00
4 to 5 ft	12.00
5 to 6 ft	

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each

### -tamariscifolia Tamarix Savin Juniper

An excellent creeping dwarf variety with foliage fine in texture. Average height one foot, forming a mat of bluish or gray-green foliage 6 to 8 feet broad at maturity. Grows dense and never changes in color.

12 to 18 in	5.00
	6.50

### virginiana Redcedar

This is a tall growing tree and is sometimes found on dry, rocky hillsides. Its height and conical form with upright spreading branches make it a very ornamental specimen tree. It takes on a brownish green color in winter.

4 to 5 ft	 	 	 	 	 11.00
5 to 6 ft	 	 	 	 	 15.00

#### -cannarti Cannart Redcedar

A beautiful dark green pyramidal cedar, expecially adapted to creating very formal effects. It leaves nothing to be desired when used before doorways or entrances to paths.

$2\frac{1}{2}$ to 3	ft	12.00
3 to $3\frac{1}{2}$	ft	15.00
$3\frac{1}{2}$ to 4	ft	18.00
4 to $4\frac{1}{2}$	ft	21.00

#### -schotti Schott Redcedar

This pyramidal tree is much like the Cannart Juniper except that it is more dwarf in habit and has foliage of a lighter green.

		_	_	_	
$2\frac{1}{2}$ to 3	ft	 			12.00
3 to 3	$\frac{1}{2}$ ft	 			15.00
$3\frac{1}{2}$ to 4	ft	 			18.00
4 to 4	$\frac{1}{2}$ ft	 			21.00

### Picea canadensis Black Hill Spruce

The hardiest of all spruces, symmetrical, compact and bushy. Even in old trees the lower branches are retained, making a solid pyramid from the ground up. Color varies from green to a bluish tint and all trees are remarkable for their bright fresh color.

18 to 24 in	3.50
24 to 30 in	
30 to 36 in	7.50

#### canadensis (alba) White Spruce

A native of the north, thoroughly hardy, grows freely in either moist or dry situations. A compact upright pyramid sometimes reaching a height of 60 feet. Foliage light bluish-green.

24 to 30 in	4.00
30 to 36 in	7.00

Each

#### excelsa Norway Spruce

A tall, rapid growing, thrifty tree with heavy masses of dark green foliage. Some of the finest old evergreen hedges are of Norway Spruce as it can be sheared to any desired form and height. It is used extensively on farms and around homes as a windbreak, giving protection to stock and buildings. A picturesque and graceful tree which in old age often reaches a height of 70 feet.

2 to 3 ft	4.00
3 to 4 ft	5.00
4 to 5 ft	8.00
5 to 6 ft	11.00
6 to 7 ft	17.50
7 to 8 ft	25.00

### pungens Colorado Spruce

A medium sized tree with stout horizontal branches in whorls, forming a broad regular pyramid. A valuable specimen tree for the lawn with foliage color varying from green to very distinct blue. A beautiful Spruce which does well even in dry situations.

18 to 24 in	4.00
	6.00
3 to 4 ft	8.00

### -kosteri Koster Blue Spruce

This is sometimes termed the aristocrat of the evergreen trees, its intense steel blue color making it conspicuous in any planting. Its other habits of growth are like those of its parent, the Colorado Spruce.

4 to 4½	2 ft		\$40.00
$4\frac{1}{2}$ to 5	ft		45.00
8 to 10	ft	\$180.00	250.00

#### Pine-See Pinus

#### Pinus montana Swiss Mountain Pine

The parent of the Mugho Pine. A small evergreen of mound-like form, ultimately reaching a spread of 10 feet and a height of 8 feet. This evergreen is desirable to be used in groups of pines and cedars.

15 to 18 in	 5.00
18 to 24 in	 6.00

#### -mughus Mugho Pine

A dwarf Pine rarely exceeding 6 feet in height with bright green needles one to two inches long, borne on upright somewhat spreading branches. Useful in foundation plantings, rockeries, or any evergreen grouping where dwarf planting is desired.

12 to 18 in	5.00
18 to 24 in	6.50
24 to 30 in	7.50

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each

### nigra austriaca Austrian Pine

A large tree sometimes attaining a height of 100 feet and forming a solid dome of dark green. It has pairs of straight slender needles 4 to 5 inches long. No tree shows better resistance to trying city conditions. Ideal for screens and windbreaks as well as Specimen plantings in the lawn.

2 to 3 ft	 10.00
3 to 4 ft	 15.00

#### sylvestris Scotch Pine

A well known and picturesque tree forming a broad round top in old age. Needles in twos,  $1\frac{1}{2}$  to 3 inches long, bluish green in color. A rapid grower of great hardiness adapted to many soils but preferring a cool gravelly subsoil that is well drained.

2 to 3 ft	4.50
3 to 4 ft	6.00
4 to 5 ft	9 00

### Retinospora filifera Thread Retinospora

A very decorative shrub or small tree. Globe-like when young becoming conical with age. Branches thread-like, graceful and pendulous. Its bright green color forms interesting contrasts with other evergreens.

18 to 24 in	7.50
2 to 3 ft.	9.00

### pisifera Sawara Retinospora

A tall growing tree which forms a narrow pyramidal head of loose branches. Its flat branchlets have a particularly striking lively green color.

2 to 3 ft	***************************************	8.00
3 to 4 ft		2.00
4 to 5 ft		5.00
5 to 6 ft	2	0.00

#### -aurea Golden Sawara Retinospora

The bright golden-yellow foliage makes this tree very attractive Its form is like the one described above.

2 to 3 ft	8.00
3 to 4 ft	12.00

#### plumosa Plume Retinospora

A medium sized conical shaped tree with slender almost erect branches which give it a feathery appearance. This hardy evergreen stands shearing well and the texture of its soft, dark foliage is admirable as a background for other trees and shrubs.

2 to 3 ft	 	- n	6.00
3 to 4 ft	 		7.50
4 to 5 ft	 <b>.</b>		9.00
5 to 6 ft	 		15.00



LADY ASHTOWN



MME. BUTTERFLY



MME. EDOUARD HERRIOT



MME. CAROLINE TESTOUT



MRS. AARON WARD



PAUL NEYRON

The rose has no rival for color and abundance of bloom. It can truly be said that a garden is incomplete without them.



#### PAUL SCARLET CLIMBING ROSE

This is a comparatively recent introduction but deserving of great popularity. The picture above only partially expresses the brilliant scarlet effect of its large profuse blooms. It has excellent foliage and is a vigorous grower. Where gorgeous arresting color is desired it is not to be surpassed.

T. E. IIgenii I.Z. Sons Co., Monice, Mich.
Each
—aurea Golden Plume Retinospora
A form of the preceding with beautiful golden-yellow foliage.
18 to 24 in.       4 .00         2 to 3 ft.       6 .00         3 to 4 ft.       8 .00         4 to 5 ft.       10 .00
Spruce—See <b>Picea</b>
Taxus cuspidata Japanese Yew
In foundation plantings, on terraces and in rockeries many artistic arrangements may be secured by the use of this unusual evergreen with its soft green foliage. It is absolutely hardy and grows well in the shade. Half-hidden berries of a peculiar red make their appearance in the fall.
15 to 18 in. 7.00 18 to 24 in. 10.00 24 to 30 in. 22.50
-brevifolia Dwarf Japanese Yew
A darker colored plant than the above and more dwarf in every respect. The short dark green needles of Japanese type give it a solid appearance. Its slow habit of growth makes it particularily adapted to rock gardens.
15 x 15 in
Thuja occidentalis American Arborvitae
This native White Cedar often attains a height of 60 feet but, because it stands shearing well, is used for hedges as well as for lawn specimens and as a background for lower plantings. It grows in almost any situation.  2 to 3 ft
4 to 5 ft. 9.00 5 to 6 ft. 12.00 6 to 8 ft. 18.00
—compacta Parson Arborvitae
A formal effect can be acquired by the use of this dwarf, globe-shaped form of the preceding. Its foliage is light green.
12 to 15 in. 3.00 15 to 18 in. 4.00 18 to 24 in. 6.00

## -douglasi pyramidalis Douglas Pyramidal Arborvitae

One of the finest of the Pyramidal Arborvita. Its branchlets grow in whorls giving a very noticeable fan-like effect. The foliage

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each

is dark green and the base of the plant is somewhat broader than
the standard American Pyramidal Arborvitae.
2 to 3 ft
3 to 4 ft
4 to 5 ft
1 60 0 16 10.00
—ellwangeriana Tom Thumb Arborvitae
A so-called juvenile green Arborvitae of grayish blue cast, form-
ing a broad pyramid. The foliage is soft, light and feathery con-
trasting well with other evergreens in a group.
15 to 18 in
18 to 24 in 3.00
24 to 30 in
—ericoides Heath Retinospora
A dwarf globe or broad cone form with the general appearance of
the above.
15 to 18 in
18 to 24 in
24 to 30 in
—globosa American Globe Arborvitae
A bushy globe Arborvitae. Its good green color and hardiness
make it a well known favorite for formal effects.
12 to 15 in
15 to 18 in
18 to 24 in
24 to 30 m
hoveyi Hovey Arborvitae
A graceful globe with light green foliage of beautiful texture.
12 to 15 in
18 to 24 in 6.00
24 to 30 in
-lutea George Peabody Arborvitae
A pyramidal form of Arborvitae with bright yellow foliage. Ex-
cellent in evergreen groups or as a specimen.
2 to 3 ft 5.00
3 to 4 ft 8.00
4 to 5 ft
—pumila Green Globe Arborvitae
A bright green Arborvitae of dwarf globe shape. Useful for formal
plantings.
18 to 24 in
$2 \text{ to } 2\frac{1}{2} \text{ ft.}$ 8.50

Each

### -pyramidalis Pyramidal Arborvitae

A tree much used where a formal effect is desired because of its narrow pyramidal form. Its dense compact leaves of deep rich green, good winter color, and its hardiness in our northern climate make it deserving of its popularity.

2 to 3 ft	. 6.00
3 to 4 ft	. 7.50
4 to 5 ft	. 11.00
5 to 6 ft	. 13.00
6 to 7 ft	15.00

#### -reidi Reid Arborvitae

A large bushy globe form of the American Arborvitae with small leaves of light green.

12 to 15 in	3.00
15 to 18 in	4.00
18 to 24 in	6 00

### -spiralis Spiraleaf Arborvitae

An excellent dark green cone formed Arborvitae with roundish branchlets which hold their color well through the winter.

2	to	3	ft																	7.50
3	to	4	ft											 			 			11.00
4	to	5	ft														 			13.00

### -wareana (siberica) Ware Arborvitae

The aristocrat of Arborvita. The symmetrical broad conical habit of growth and dark bluish green foliage make this plant distinctive. It is much used in foundation plantings and frequently in hedges on account of its heavy dense appearance.

18 to 24 in	5.00
24 to 30 in	7.50
30 to 36 in	9.00
3 to $3\frac{1}{2}$ ft	
3½ to 4 ft	15 00

#### -woodwardi Woodward Arborvitae

A dense globe form of White Cedar with foliage of a pleasing seagreen color. Its hardiness and the fact that it maintains its shape without artificial trimming makes it a most desirable specimen for terraces and formal gardens.

12 to 15 in	3.00
	4.00
18 to 24 in	6 00

#### orientalis (Biota orientalis) Oriental Arborvitae

A graceful tree with abundant delicate foliage which is lighter in color than that of the American Arborvitae. A more refined tree

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

Each
than the American but suited to the same purposes. It prefers moist loamy soil and is easily transplanted.
3 to 4 ft 9.00
4 to 5 ft
7 to 8 ft
—aurea nana Berkmans Golden Arborvitae
A dwarf, compact, symmetrical evergreen with intense golden foliage. Its sharply outlined form makes it valuable to any planting as an added point of interest. It is perfectly hardy but should have a position in full sunlight if the yellow coloring is to be at its best.
15 to 18 in
-elegantissima Yellow Column Arborvitae
A broad columnar tree with golden yellow foliage turning yellow- ish-green in summer. It is useful for accenting points of interest or as a good color contrast in evergreen groups.
2 to 3 ft
plicata Giant Arborvitae
Very hardy and should be included in all evergreen plantings.
3 to 4 ft 8.00
4 to 5 ft
Tsuga canadensis Canada Hemlock
Greatly admired as a lawn specimen, contrasting well with other evergreens, making an excellent background or hedge, this evergreen fills many situations satisfactorily. It stands moist shady locations better than Cedars and may be sheared without injury.
2 to 3 ft.       6.00         3 to 4 ft.       10.00         4 to 5 ft.       15.00         5 to 6 ft.       25.00         6 to 7 ft.       35.00

#### **BROAD-LEAVED EVERGREENS**

#### Cotoneaster horizontalis Rock Cotoneaster

Spiny branches and regularly spaced small glossy leaves give this plant unusual character. It is slow growing and bears abunantly small pinkish flowers in June and bright red berries in August. As a companion to alpine plants in the rockery or as a single specimen in the formal garden it is much to be desired.

6 to	9 in	3.00
9 to	12 in	4.00
12 to	l5 in	5.00

Each

### Daphne cneorum Rose Daphne

A delightful fragrant flowering evergreen shrub rarely exceeding one foot in height. Its pink flowers almost completely cover it in April and May and it often blooms again in the fall. An ideal plant for the rockery or to border small beds in the formal garden.

6 to	8 in.	spread															2.00	)
8 to	10 in.	spread							 								3.00	)

#### Euonymus patens Spreading Euonymus

A beautiful spreading shrub sometimes reaching the height of 10 feet. Its late ripening fruits of pink, half covered with orange shells, and thick light green leaves make it one of the most desirable shrubs to be used with evergreens and along walks or in positions where it is likely to be closely scrutinized.

15 to 18 in	2.75
18 to 24 in	3.50

### radicans Wintercreeper

A very dependable plant rapidly growing in popularity. Its round glossy green leaves thickly borne on green stems contrast delightfully with woody shrubs or evergreens. If planted against a brick or stone wall it will climb unaided by means of tiny holdfasts to a height of about 20 feet. Also valuable as a ground cover.

12 to 15 in 1.0	.00
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## **—vegetus** Bigleaf Wintercreeper

A variety of the above with larger leaves and bearing reddishpink berries in the fall. Its habit is more shrub-like and it may even be sheared into forms like boxwood.

12 to 15 in	1.	5	0
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### Garland Flower—See Daphne cneorum

### Rhododendron catawbiense Catawba Rhododendron

A dwarf growing shrub bearing wonderful profuse clusters of delicate flowers in June and July, different plants producing different shades varying from deep purple to white. Planted in a moist location where it will receive about six hours sun a day, preferably a northern exposure; it will thrive even in the northern climate.

18 to 24 in	7.00
2 to 3 ft	7.50

#### maximum Rosebay Rhododendron

An evergreen shrub bearing long, narrow, glossy leaves the year around interspersed with large clusters of delicate rosy-purple

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Rosebay-See Rhododendron maximum

Wintercreeper—See Euonymus radicans

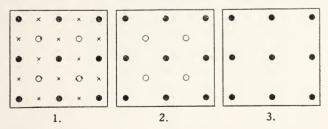
## FRUIT DEPARTMENT

#### **HOW TO PLAN AN ORCHARD**

Orchards today are usually planted in a mixture of two or more varieties. There are good reasons for this. Some of the most desirable varieties do not come to bear for several years but eventually make large trees and are very long lived. Others are not long lived nor of large growing habit, but bear very young. We therefore classify the more important trees as "Permanent," "Semi-Permanent," and "Temporary." The general mode of planting is this: Permanent trees are spotted forty to fifty feet apart in squares. In the centers of these squares, also fifty feet apart, are the Semi-Permanent, or if none of these last are used, then Temporary trees may be substituted. Finally, at a point midway between every pair of Permanent trees, Temporary trees are planted.

These last come to bear very early and the orchard thereby begins to make immediate returns to the owner. Later, when the Semi-Permanent are bearing and need more room the Temporary trees are cut down. Still later, when the Permanent tress are fully developed and bearing, the Semi-Permanent trees are cut out and the orchard continues to bear at full capacity with no time lost. The time elapsing between the planting time and cutting out of the Semi-Permanent trees is usually 15 to 20 years. The land is much enhanced in value when the final trees are bearing. Altogether this is a very satisfactory arrangement. We show below a cut of an orchard so planted, and also give a list of apples classified as to their correct arrangement in such a plan.

### TREE PLANTING ARRANGEMENT



- (1) When first planted.
- (2) Temporary fillers removed.
- (3) Permanent trees only.

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The solid black circles indicate permanent trees selected from the list below. The crosses indicate semi-permanent trees from the list below and the circles indicate temporary trees from the list below.

Late or Permanent	Semi-Permanent	Temporary
Delicious	Grimes	Yellow Transparent
Northern Spy	McIntosh	Wealthy
Stayman	Stayman	Wagener
Fameuse	Jonathan	Oldenburg
Baldwin	Red Canada	Red Astrachan
Tompkins King	Winesap	
Stark	Maiden Blush	
Rhode Island Greening	York Imperial	
Canada Red	Twenty Ounce	
	Rome Beauty	
	Winter Banana	

### NUMBER OF TREES PER ACRE

D1	onting	Distance	
T 1	anung	Distance	٠

20 x 20 ft	108
25 x 25 ft	69
40 x 40 ft	27
50 x 50 ft.	17

## **Our Descriptions are Accurate**

In a recent letter from Mr. U. P. Hedrick, Chief in Research of the Division of Horticulture, New York State Agricultural Experiment Station, Geneva, New York, Mr. Hedrick stated the following, regarding the descriptions in our catalogue.

. . . "Permit me to say as a last word that your catalogue is one of the finest published in America, both artistically and from the standpoint of accuracy of descriptions."



AQUILEGIA (Columbine)

The Columbine is native of the Rocky Mountains and presents a never to be forgotten sight when seen in bloom there. It might easily be classed among the ten best perennials. In the above picture may be found Aquilegia Canadensis, A. chrysantha, A. caerulea and A. Skinneri. Their daintiness lends itself well to the perennial border, the rockery, or the formal garden. They should be planted in large numbers to produce their best effect.



DELPHINIUM (Hybrids)

No group of perennials has been more highly developed in the last few years than the Delphiniums. Their pastel shades are the envy of artists and are to be seen the entire summer. No rose garden is complete without them since their delicate blue and red hues are the complement of the color range of the rose. The individual flowers arranged in long spikes appear as if they were inhabited by busy bees.

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## REFERENCE LIST OF APPLES

#### VARIETY CHARACTERISTICS

#### Standard Varieties

Northern Spy Baldwin

Gravenstein Grimes

Wagener Maiden Blush Wealthy

13. Grimes

14. Delicious

R. I. Greening Twenty Ounce Stavman

### **Relative Productivity**

#### Arranged in order of productiveness 7. R. I. Greening

1. Stayman 2. Baldwin 3. Stark 4. York Imperial 5. Jonathan 6. Winesap

8. Rome Beauty 9. Wealthy 10. Northern Spy 11. Winter Banana

15. Wagener 16. Esopus 17. Gravenstein 18. Yellow Transparent

### Hardiness

12. McIntosh

## FOR THE NORTH

Northern Spy Ben Davis Fameuse Tolman

McIntosh Winter Banana Wealthy Baldwin Yellow Bellflower

Gravenstein Alexander Delicious Canada Red

### VARIETIES LACKING SLIGHTLY IN HARDINESS

Tompkins King Twenty Ounce

Esopus Hubbardston

Grimes Sutton

### For Commercial Orchards

#### WESTERN NEW YORK

Baldwin R. I. Greening Ben Davis

Oldenburg Wealthy

Gano

Twenty Ounce Canada Red

#### NORTHERN OHIO

Baldwin R. I. Greening Northern Spy

McIntosh Oldenburg Wealthy Canada Red

Yellow Transparent

#### SOUTHERN PENNSYLVANIA

Stayman York Imperial Grimes Oldenburg Yellow Transparent

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IL	Τ.	TI	V	O	T	9

Wealthy Jonathan Gano
Oldenburg Stayman Grimes
Yellow Transparent Delicious

SOUTHERN OHIO

Rome Beauty Grimes Yellow Transparent
Ben Davis Stayman Wealthy
Oldenburg

MICHIGAN

Northen Spy
Ben Davis
Baldwin

R. I. Greening
McIntosh
Wealthy

Yellow Transparent
Canada Red
Delicious

**Best Sellers** 

LATE SEASON

Esopus Grimes Delicious
Tompkins King Northern Spy McIntosh

Oldenburg

FOR FANCY TRADE

Delicious Grimes Arkansas Black
McIntosh Winter Banana

## For The Home Orchard

#### NORTH

Northern Spy
McIntosh
Tompkins King
Esopus
Baldwin
Grimes

Gravenstein
Oldenburg
Winter Banana
R. I. Greening
Chenango
Stayman

SOUTH

Grimes Winesap Yellow Transparent
Delicious Stayman Chenango

### Free Instruction Book on Fruit Growing

This compact little book, "Best Plan for Planting an Apple Orchard," explains all about fruit growing, planting, spraying and trimming. This booklet is free for the asking. Simply send in your request.

## STANDARD APPLE

In the orchard or home planting the first fruit in importance is the apple. Even a very few trees produce surprising returns.

Diameter	Height	Each	Per 10
11/16 to 1 inch	5 ft. and up	\$ 1.50	\$14.00
9/16 to 11/16 inch	4 ft. and up	1.25	11.50

- Alexander—Very large, deep red. October to November.
- Arkansas Black—Medium size, dark red. Excellent cooker. December to March.
- **Autumn Strawberry**—Medium size, streaked. Good eating apple. September to December.
- **Baldwin**—Large red eating apple. Tree vigorous and very productive. Ripens November-December. Keeps until April.
- Ben Davis—Medium size eating apple. Season December to March.
- Bentley—Yellow sweet apple. Bears young. October to November.
- **Chenango**—Yellow striped with red. Excellent eating apple. Tree hardy. September-October.
- **Cortland**—Of the same family as McIntosh. Excellent quality. Tree is vigorous, produces heavy crop, and bears young. October-December.
- Delicious—Large bright red. One of the best commercial varieties, shipping and keeping well. Tree heavy bearer. November-March.
  - Early Harvest—Medium size, pale yellow. Excellent eating but cannot be stored or shipped. July-August.
  - **Early Strawberry**—Very early, red striped apple. Excellent flavor. July-August.
  - **Esopus Spitzenburg**—Medium to large. Yellow with red. A good cooking and canning apple. November-February.
- **Fallawater**—Cooking apple. Vigorous bearing tree. November to March.
- **Fall Pippin**—Large clear yellow apple. Good eating and cooking. October-November.
- **Fameuse** (**Snow**)—One of the best dessert apples, white tender flesh, highly flavored. October-December.
- **Gano**—Medium size, deep red. Good shipper and keeper. December to May.
- **Golden Russet**—Medium size, flesh crisp and juicy. Heavy bearer. December to May.
- **Golden Sweet**—Medium size, yellow, rich and sweet. Home apple or for local market. August-September.
- **Gravenstein**—Dark yellow striped with red. Fine quality for eating and cooking. Hardy and productive. September-November.

- **Grimes Golden**—Medium size, golden yellow. Early bearer. One of the best commercial varieties. November to January.
- **Hubbardston**—Large, striped red and yellow. Good bearer. October to February.
- Jonathan—One of the best commercial varieties. Medium size, dark red, excellent quality, early bearer. November to January.
- **Maiden Blush**—Good cooking apple. Pale yellow with crimson blush. Early bearer. September to December.
- **McIntosh**—A bright red snow apple of good size. Fine for local market. Tree hardy and productive. Bears young. October to December.
- **Northern Spy**—One of the most dependable commercial varieties. Splendid for eating and cooking. November to March.
- Northwestern Greening—Greenish yellow, good size. Hardy. December-April.
- **Oldenburg** (**Duchess**)—Medium sized, red striped, cooking apple. Reliable cropper. August-September.
- Ontario—Sour, red striped. Cross of Northern Spy and Wagener. Bears young. Sure crop. January to April.
- **Pewaukee**—Yellow mottled with red. Crisp and juicy. December to May.
- **Pumpkin Sweet**—Very large yellow. Good market variety. Bears well. October to January.
- Rambo—Red and yellow eating apple of medium size. October to January.
- Red Astrachan—Dark red. Good for local market. Early bearer. July through September.
- **Red Canada** (Steele Red)—Attractive deep red, medium sized, eating or cooking apple. November to March.
- Red Delicious—Very good commercial variety. November to March
- **Red Northern Spy**—Bears earlier than regular Northern Spy and is solid dark red. Good commercial variety. November to March.
- **Rhode Island Greening**—Large greenish yellow. Abundant bearer. Very tender flesh. December to April.
- Rome Beauty—Large yellow, red cheek. Good quality. Heavy bearer. November to May.
- **Stark**—Large greenish yellow streaked with red. Valuable market variety. Late keeper. January to May.
- Stayman Winesap—Red. Vigorous grower. December to April.
- **Sweet Bough**—Fine summer cooking apple. Medium large, greenish yellow. August-September.
- **Tolman Sweet**—Very sweet, Pale Yellow. Valuable for baking. November to January.
- **Tompkins King**—A very fine quality yellow and red apple. Fourth in commercial importance. October to December.
- **Twenty Ounce**—Excellent quality, early commercial variety. Yellow striped with red. September to midwinter.

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**Wagener**—Large light red apples. Good quality for cooking and eating. Bears young and heavily. October to February.

**Wealthy**—Bright red. Good quality. Of particular commercial value in colder climates. Very productive. October to January.

**Westfield** (**Seek-no-further**)—Pinkish red. Good eating apple. November to February.

Winesap—Dark red. Abundant bearer. December to April.

Winter Banana—Pale yellow, red blush. Tree regular heavy bearer. November to January.

**Wolf River**—Very large striped red apple. One of the best baking varieties. December to February.

Yellow Belleflower—Pale yellow skin. Tender juicy flesh. December to February.

**Yellow Transparent**—The best very early apple. Reliable bearer. July-September.

## CRAB APPLES

**Hyslop**—Late dark red. Excellent for jelly. September-October. **Martha**—September to late fall. Fruit large, light red, good quality. **Whitney**—Heavy bearer. Fruit large, firm and juicy. August.

## **DWARF APPLES**

Where standard trees take too much space, dwarfs should be planted. The care needed and the productivity are just the same as the larger trees. Plant 10 to 12 feet apart.

Diameter	Each	Per 10
5 /8 inch and up	\$ 2.00	\$18.00
1 /2 to 5 /8 inch	1.75	16.00
√Baldwin	Red Astrachan	
Delicious	Rhode Island Greening	
Fameuse	Stayman Winesap	
Grimes Golden	Sweet Bough	
Jonathan	Tolman Sweet	
McIntosh	Wagener	
Maiden Blush	Wealthy	
Northern Spy	Yellow Transparent	
Oldenburg		

## STANDARD PEARS

The trees require little care and the fruit is excellent both for eating and canning. Unlike other fruits, it should not be allowed to ripen on the tree but should be picked green and stored in a dark, cool place where it will ripen perfectly.

Diameter	Height	Each	Per 10
11/16 inch and up	5 ft. and up	3 2.00	\$18.00
9/16 to 11/16 inch	4 ft. and up	1.75	16.00

- **Albertine**—A small green and yellow pear for canning and pickling. October.
- **An jou**—Bears young. Fruit greenish, crimson blush. One of the best market varieties. Ripens in fall but keeps for some months.
- **Bartlett**—A good commercial late summer variety. Fruit juicy and highly flavored. Tree productive and hardy.
- Beurre Bosc—Large, yellow. September-October.
- **Beurre Clairgeau**—Valuable in commercial orchard for late season fruit. Large, yellow shaded with orange and crimson.
- **Clapp Favorite**—August to September. Lemon yellow splashed with crimson. Quality of fruit exceptional. Very productive.
- **Duchesse d'Angouleme**—Very good market variety. Strong grower and heavy bearer. Greenish yellow. October to November.
- Flemish Beauty—A choice variety—sweet, rich and juicy. September-October.
- **Gorham**—Ripens one month later than the Bartlett, from which it originated, but resembles it in appearance. Hardy and productive. Equals Bartlett in quality.
- **Howell**—Early profuse bearer. Quality very good, flesh sweet, color lemon yellow. September.
- **Kieffer**—A fine market variety. Tree healthy, early bloomer. Fruit rich yellow tinged with red. October-November.
- **Koonce**—Medium size, yellow with carmine cheek. Heavy bearer. July-August.
- **Seckel**—One of the best and most highly flavored pears. Very productive. September-October.
- **Sheldon**—High quality eating or cooking pear. Good shipper and keeper. Tree hardy and vigorous. October-November.
- **Vermont Beauty**—Skin brilliant yellow and red. Valuable market variety. Stands severe cold. September-October.
- **Wilder Early**—Medium size, bright yellow with flaming cheek. Good bearer. August.
- Winter Nelis—Medium size, yellow. Delicious flavor. Tree very prductive. December to January.

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## **DWARF PEAR**

Diameter	Each	Per 10
5 /8 inch and up	\$2.00	\$18.00
1/2 to 5/8 in	1.75	16.00

Anjou Kieffer

Bartlett Louise Bonne

Beurre Clairgeau Seckel

Clapp Favorite Vermont Beauty

Duchess d'Angouleme Wilder

## **PEACHES**

The peach prefers light, well drained soil of sandy texture. The ease with which it is grown, the fact that it comes to bear early, and its comparative freedom from disease make it very popular. The fruit is delicate, luxuriant, and of incomparable flavor.

Diameter	Height	Ea	ach	Per 10
9/16 inch and up	4 ft. and up	\$	. 75	\$ 7.00
7/16 to 9/16 inch	3 ft. and up		.60	5.50
F—Freestone	SF—Semi Free	C—Clingston	e	
WWhite	Y—Yellow			

- **Admiral Dewey** Y-F—Very good quality. Tree strong grower, hardy and productive. July 28 to August 5th.
- Alexander SF-Y—Medium size. Tree vigorous and productive. July 20 to 25th.
- **Banner** Y-F—Very hardy, comes to bear young, and is very productive. Good quality for shipping and keeping. Pit small. September 30th to October 5th.
- **Barnard** Y-F—Medium size. Tree hardy and productive. A good market variety. September 1st to 5th.
- **Belle** W-F—Very large and of very good quality. Good shipper. Tree rapid grower and prolific. September 1st to 5th.
- **Billmeyer** Y-F—Our own introduction. Ripens after Early Crawford. Rising in commercial importance. Exceptionally good shipper. September 5th to 10th.
- **Carman** W-SF—Dark red flushed. Fine for fancy trade. Tree very hardy not susceptible to disease, and very productive. August 15th to 20th.
- **Champion** W-F—Medium size, very fine quality, honey sweet. Tree very productive. August 10th to 15th.
- **Chili** Y-F—Good market peach. Especially fine for canning. September 15th to 20th.
- Chinese Cling W-C—A delicious seedling peach. August 1st to 5th.
- **Crosby** Y-F—Called the frost-proof peach. Small. Tree healthy and productive. September 10th to 15th.
- **Early Crawford** Y-F—Probably the most commonly grown early peach. Quality unsurpassed, a good peach for market or home orchard. September 1st to 5th.
- Early Elberta Y-F—Very large, good quality. Tree strong grower. September 5th to 10th.



CHRYSANTHEMUM
Plant Chrysanthemums and enjoy garden flowers long after the first frost.



PHLOX—(Beacon)

Let the Hardy Phlox make up your border.



The stately beauty of the Foxglove adds distinction to any planting.



In early spring the Iris leaves nothing to be desired by the artistic eye in the way of coloring.



# CHRYSANTHEMUM COCCINEUM (Pyrethrum) Painted Lady

Truly named the Painted Lady this dainty plant with fernlike foliage has flowers ranging from deep red to delicate shades of pink and white. They are remarkably free from insects, in fact the dried blossoms are the main ingredient of many insecticides. Blooming profusely from the middle of May to July they are excellent as cut flowers.

- **Early Michigan** W-F—Fruit medium size, good quality. Tree vigorous and fruitful. August 15th to 20th.
- **Elberta** Y-F—The most widely planted and most popular market peach. Very adaptable to different soils and climates. Bears well and is very resistant to disease. Fruit is well flavored, very large, and good quality. September 10th to 20th.
- **Engle** Y-F—Peaches large and of very good quality. Tree large, hardy and young bearer. September 15th to 20th.
- Fitzgerald Y-F—Almost identical with Early Crawford but is more productive and somewhat hardier. Tree medium size, hardy and prolific. August 25th to September 1st.
- **Gold Drop** Y-F—A strictly Michigan Peach. Fine flavor. Tree medium size, hardy and productive. September 25th to October 1.
- J. H. Hale Y-F—One of the largest peaches and of very good quality. Good shipper and keeper. Elberta's strongest competitor. September 5th to 10th.
- **Kalamazoo** Y-F—Fruit very high quality for eating and cooking. Tree large and vigorous. September 20th to 30th.
- **Late Crawford** Y-F—A beautiful standard variety peach, especially good for fancy trade. Tree is adapted to many soils and climates. September 20th to 30th.
- **Lemon Cling** Y-C—Tree vigorous and highly productive. Large lemon-shaped fruit of very good quality. September 20th to 25th.
- **Lemon Free** Y-F—Lemon colored with pink blush. Tree hardy September 20th to 25th.
- **Lockwood** Y-F—Very earliest of yellow freestone peaches. Excellent flavor. Tree hardy, large and very productive. August 5th to 10th.
- Mayflower W-SF—Earliest white peach. Medium size, fair quality. July 15th to 20th.
- **Michigan Beauty** Y-F—Excellent commercial variety. Abundant annual bearer, fine keeper. October 5th to 10th.
- **New Prolific** Y-F—Tree exceptionally hardy and productive. September 1st to 5th.
- **Rochester** Y-F—One of the best early peaches rapidly coming into wide use. August 15th to 20th.
- Salberta Y-F—A highly successful cross between Salwey and Elberta, Good market variety. October 1st to 5th.
- **Salwey** Y-F—Attractive good quality peach, especially adapted to cooking. Tree very healthy and productive. October 1st to 15th.
- Smock Y-F—Old orchard variety. Tree hardy and productive. October 5th to 10th.
- **South Haven** Y-F—An unusually young bearing variety producing large fruit of excellent color. August 25th to September 1st.

- **Stump** W-F—An old favorite. Especially good quality. September 25th to October 1st.
- **Superior** Y-F—A new peach rapidly coming into popularity for commercial orchards. Good keeper and shipper. Exceptionally good quality. October 1st to 5th.
- **Triumph** Y-SF—A valuable variety where the weather is cold. Keeps and ships well. July 25th to August 1st.
- Weed Late Barnard Y-F—Medium size. Purplish red cheek. Very good quality. September 10th to 15th.
- Wilma Y-F—A splendid new variety coming from Elberta, having the fruitfulness and quality of its parent. September 1st to 5th.
- **William Favorite** Y-C—A good peach for market. Tree hardy and productive. September 5th to 10th.
- Wonderful Y-F—Like the Smock. Good quality. September 30 to October 5th.
- Yellow St. John Y-F—Much planted in commercial peach growing sections. One of the earliest of the Crawfords. Delicious flavor. August 10th to 15th.

## CHERRIES

Both sweet and sour cherries are of great commercial value in the northern states. The former is composed of the Heart and Bigarreau types, the latter of the Duke and Morello. The sweet varieties are also desirable as ornamental trees; the sour are heavy bearers of fruit suited to canning and culinary purposes.

#### Sour Cherries

Diameter	Height	Each	Per 10
11/16 inch and up	4 ft. and up	.\$ 1.75	\$16.00
9/16 to 11/16 inch	$3\frac{1}{2}$ ft. and up	. 1.50	14.00

- **Baldwin**—Fruit ripens early, is very dark red. One of the sweetest and richest of the Morellos. Tree vigorous.
- **Dyehouse**—A near kin to Early Richmond. Is bright and clearer in color but slightly smaller in size. Tree small and vigorous.
- **Early Richmond**—One of the leading early varieties. Can be grown profitably in almost any part of the country.
- **English Morello**—The standard late cherry of America. For home, market and canning factory use. Tree small but productive.
- **Koontz**—Special market variety, very large dark red fruit. Good bearing tree.
- **Montmorency**—This cherry is more in demand than any other. It is of fair size, a dark color, and very good quality; being suited to every purpose. The tree has every desirable characteristic, is vigorous, hardy and resistant to all diseases.
- **Wragg**—Very much like English Morello but the fruit is larger and later.

#### **Sweet Cherries**

Diameter		Height	E	ach	Per 10
11/16 inch and up	4	ft. and up	\$	2.00	\$18.00
9/16 to 11/16 inch	$3\frac{1}{2}$	ft. and up		1.75	16.00

- **Bing**—A dark red, very high quality cherry. Tree large and productive.
- **Black Tartarian**—One of the best commercial varieties. Bears regularly and is not susceptible to disease.
- **Downer**—This fine flavored cherry ripens after most others are gone. Tree productive.
- **Gov. Wood.**—Tree vigorous and early bearing. The crimson fruit is soft and of very good quality.

#### THE MONROE NURSERY

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- Ida—Handsome, large, light red. Tree early; prolific bearer of full crops.
- **Lambert**—Color dark wine verging on black. Very excellent flavor. Tree healthy and fruitful.
- Late Duke—This large sized, good quality, dark red fruit ripens earlier than May Duke, from which it sprung.
- May Duke—One of the oldest, most popular cherries. Fruitful, hardy, vigorous and healthy. Fruit early, large, dark red and very good quality.
- **Napoleon**—Good keeper and shipper. Trees are productive and come to bear early.
- **Schmidt**—One of the largest black cherries. Well suited to commercial orchards.
- Windsor—A standard late Bigarreau. Trees are hardy, fruitful and free from disease.
- **Yellow Spanish**—These large, vigorous trees bear abundantly in early life. Rapidly growing in popularity.

## **PLUMS**

The plum is equally suited to commercial orchard and to home garden planting but in either case needs rich soil. There are three main groups: the European (E), the best in quality, the American (A), superior as to hardiness, and the Japanese (J), the earliest bearers.

Diameter	Height	Each	Pe <sub>1</sub> 10
11/16 inch and up	5 ft. and up	\$ 1.50	\$14.00
9/16 to 11/16 inch	4 ft. and up	1.25	11.50

- **Abundance** (J)—One of the best known varieties. Hardy and productive. Large lemon-yellow fruit.
- **Bradshaw** (E)—Bears regularly and heavily. Very resistant to scale. Fruit midseason, dark reddish purple, large and good shipper and keeper.
- **Burbank** (J)—Very good quality, handsomely colored, dark red over yellow brown. Good shipper and keeper. Very hardy for a Japanese Plum.
- **Compass** (A)—An absolutely hardy, wonderfully productive tree. Has characteristics of both plum and cherry. Dark red fruit valuable for canning and preserving.
- **German Prune** (E)—Large, vigorous, productive tree. Fruit small and tart. Freestone. Dark purple.
- **Golden Drop** (E)—Long keeping and fit for eating, cooking or drying. Light golden color, very fine flavor, freestone.
- **Grand Duke** (E)—The favorite late shipping plum. Tree hardy and prolific bearer. Dark purple, good flavored fruit. Clingstone.
- **Gueii** (E)—A very popular orchard variety, bearing abundant crops early in life. Fruit dark purple, medium size.
- Italian Prune (Fellenberg) (E)—Tree large, hardy and abundant bearer. Fruit purplish black, large, freestone. Fine flavored. Good keeper and shipper.
- **Lombard** (E)—Probably the most widely grown plum. Very adaptable as to soil and climate, constant prolific bearer. Fruit medium size, dark purplish red.
- **Monarch** (E)—Beautiful purple plum above medium size. Clingstone. Good quality all-purpose.
- **Monitor** (A)—Exceptionally large fruit of dark red color. The flesh is tender, sweet and juicy but also very firm. Tree vigorous and upright grower.
- **Opata** (A)—A very hardy, heavy bearing tree of spreading habits. The fruit is deep purple red, splashed with green and is excellent quality.
- **Pond** (Hungarian Prune) (E)—Late bearer, purplish red, fair quality. Very large, stone semi-free. Tree medium size and hardy.

#### THE MONROE NURSERY

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

- **Red June** (J)—Fruit red, medium size. A good shipper. Tree vigorous and productive.
- Reine Claude (Green Gage) (E)—Tree small, very prolific. Fruit golden, very good quality, medium size.
- Sapa (A)—Tree a dwarf but rapid grower. Fruit has a rich flavor. Fine for canning.
- **Shipper** (E)—Fruit dark purple, semi-cling, very good shipper and keeper. Tree large and productive.
- **Shropshire** (E)—Enormously productive tree. Fruit dark purple, clingstone, excellent quality. A very good orchard variety.
- **Toka** (A)—A cross between the American Plum and the Chinese fragrant Apricot. Tree is strong and bears early. The large fruit is dark red in color and is a good shipper.
- Underwood (A)—A very hardy strong growing tree, bearing attractive dark red fruit with fairly firm juicy flesh and small pit. Clingstone.
- **Wickson** (J)—Probably the largest plum. Flavor and quality good, clingstone. Tree heathly and productive.
- **Yellow Egg** (E)—One of the largest yellow plums, good quality for cooking. Tree large, vigorous and productive.
- **Yellow Gage** (E)—Large, yellow, very good quality. Sweet and juicy. Most desirable tree for the home orchard.

# **APRICOTS**

A beautiful and delicious fruit which combines the qualities of the peach and the plum.

Diameter		Height	Each	Per 10
9/16 to 11/16 inch	3	ft. and up	\$ 1.75	\$16.00
7/16 to 9/16 inch	2	∕₂ ft. and up	1.50	14.00

- Alexander—Sweet and juicy, medium to large, oblong with orangeyellow skin spotted with red. Good bearer. Freestone. First of July.
- Alexis—A large, very good quality fruit. Yellow with red blush. July 10th.
- **Early Golden**—Small, pale orange skin. Flesh sweet, very good quality. July 15th.
- **Lamale**—Large, round, deep yellow with red cheek. One of the best varieties. July 10th to 15th.
- **Montgamet**—Deep yellow apricot with reddish flesh. Good quality. Excellent for preserving. July 5th.
- Royal,—Dull yellow with faint red blush. Flesh juicy, sweet with high flavor. July 25th.

# **NECTARINES**

The most delicate and finest of the stone fruits. The skin is smooth and thin, the flesh somewhat resembles that of a peach but is superior in every way.

Diameter	Height	Each	Per 10
9/16 to 11/16 inch	4 ft. and up	\$ 2.00	
7/16 to 9/16 inch	3 ft. and up	1.75	

**Boston**—Large and handsome. Bright yellow apricot-like flesh. A deep red color and pleasant flavor. Early September.

**Hunt Tawney**—Medium size, dark red cheek on pale orange. Flesh rich and juicy. One of the earliest nectarines.

Red Roman—Highly flavored, rich flesh. Large fruit. September.

# QUINCES

A most valuable fruit for canning. Quince preserve is highly esteemed by all. The tree is hardy, free-bearing and remarkably disease-resistant.

Diameter	Each	Per 10
5/8 inch and up	\$ 2.00	
1/2 to 5/8 inch	1.75	

**Bourgeat**—Large bright yellow, tender, and very good quality. Strong productive tree. Late Autumn.

**Champion**—A tender and delicate quince of good quality. Tree very prolific and a young bearer. Very suitable for commercial orchards as fruit keeps and ships well. Midseason.

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#### **RASPBERRIES**

One of the most profitable bush fruits, both for market and home.

Not less than ten of any variety in an order. Over 25 plants must be ordered in multiples of 25. Prices are for first quality stock.

	Per 10	Per 25	Per 100
Columbian	.\$ 1.50	\$ 3.00	\$10.00
American Blackcap. Large round black	k berries,	moderate	ly juicy,

nearly sweet. Very prolific, tall vigorus canes. Midseason.

Red. A very well known sort of high quality. A good shipper. Well adapted to many soils and climates. Very healthy and productive.

This comparatively new variety has outcropped all other kinds of raspberries, with a ratio of 2 to 1 in many localties. Large brilliant red berries. Very hardy.

American Blackcap. Perfectly hardy; an excellent grower; very productive. Crop ripens evenly; berries are large and of excellent quality for market.

Color bright crimson. A splendid shipper. Rich and delicious. Will endure severe cold without injury. Everbearing.

# **BLACKBERRIES**

Will produce in even the poorest of soils, thorough cultivation, however, will greatly benefit them. Fine for eating and canning.

Prices are for first quality plants.

A hardy and productive upright grower. Season is from the middle of July until frost with the bulk of the crop maturing in August Large and good quality. Excellent shipper.



JUNIPERUS COMMUNIS HIBERNICA
(Irish Juniper)

One of the old familiar evergreens, very formal in outline and invaluable in Italian gardens or where architectural features are to be emphasized. Grows 6 to 8 feet high and not over  $1\frac{1}{2}$  feet in diameter, making a narrow column. Color bright silvery green.



THUJA OCCIDENTALIS PYRAMIDALIS
(Pyramidal Arborvitae)

Evergreens add distinction to any planting and liven up the usual drab winter scenes. The two varieties pictured are among the best known and most widely planted and are deserving of their popularity.



PICEA EXCELSA (Norway Spruce)

# THE MONROE NURSERY

I. E. Ilgenfr!tz' Sons Co., Monroe, Mich.

•	Per 10	Per 25	Per 100
Eldorado	1.50	3.00	10.00
Large jet black berries borne in clusters of the best for home and market.	s. Sweet a	nd melti	ng. One
Mersereau	1.50	3.00	10.00
A dependable variety for market and he ous. Prolific. Good quality.	ome. Plan	nt tall an	d vigor-
Rathbun	1.50	3.00	10.00
Large jet black berries without hard of seeds. Ripens early. Good quality.	core and	with ver	y small
Snyder	1 . 50	3.00	10.00
A very popular early variety. One of the ductive. Medium size. Sweet.	he hardie	st and v	ery pro-

# **DEWBERRIES**

	Per 10	Per 25	Per 100
Lucretia	\$ 2.00	\$ 4.00	\$12.50
A perfectly hardy, healthy and i	remarkably	productiv	re plant
with large showy flowers. The fru	it, which of	ten is $1\frac{1}{2}$	inches
long, ripens early, is jet black and h	highly flavore	ed.	

# **GRAPES**

The grape is adapted to nearly every soil and climate and climbs on fences and trellises or covers arbors and pergolas. When given proper care it returns good profits to the owner.

Each

Per 10

Prices are for first quality, extra strong plants.

Agawam\$ .50 \$ 4.50
Rich, sweet and very handsome. Color red. Ripens soon after Concord and keeps till January. Vine vigorous, hardy and productive.
<b>Brighton</b>
A good commercial variety. A red grape, handsome and high in quality. Earlier than Concord. Very productive.
Caco
Known as the very best red grape. Strong, vigorous and bears very young. Tender, sweet and delightfully flavored.
<b>Campbell Early</b>
A black grape of high quality. Large attractive bunches and berries. Keeps and ships well. Vine hardy and productive.
<b>Catawba</b>
A little later than Concord. The best keeping commercial type, often lasting until March. Vine big, hardy and productive. Color dark purplish-red. Extra fine quality.
<b>Concord</b>
The most widely known grape in America. Adaptable to a great many localities. Bears heavily every year, is hardy and early ripening. Black.
<b>Delaware</b>
Ships well and is more immune to disease than most other commercial varieties. One of the best table grapes, often bringing twice the price of Concord. Color light red. Ripens a few days before Concord.
<b>Diamond</b>
A green grape almost unsurpassed in quality and beauty. Early, hardy, productive, vigorous vine.
<b>Eaton</b>
An offspring of Concord, better in appearance but not so good in flavor. Ships well. Berries in clusters large and black. Vine healthy vigorous, hardy and productive.

Per 10

4.50

Each

## THE MONROE NURSERY

I. E. Ilgenfritz' Sons Co., Monroe, Mich.

A Concord variety but two weeks earlier than its parent. One of

the best of its season. Large black berries.
<b>Niagara</b>
Probably the best green grape for the commercial vineyard. Vine very hardy and productive. Fruit ripens midseason with Concord. Bunches and berries large and of good quality.
<b>Salem</b>
Early, hardy, vigorous, and fairly productive. Fruit large, dark red, of high quality for table and cooking. A good keeper and shipper.
Winchell (Green Mountain)
Very early green grape of quality ranking among the best of any color. Fruit keeps and ships well. Vine vigorous, hardy and productive.
<b>Worden</b>
A variety of Concord origin, ripening 10 to 14 days earlier and having larger berries of better quality. Color dark purple.

# **CURRANTS**

These are valuable plants for the commercial orchard as well as the home gardener. The fruit hangs well on the bush and may be picked when convenient. The bushes are small and take up but very little room. Jelly, conserves and pies of currants are very delicious.

**Cherry**—Very large dark red berries. Quite acid. Growth is tall and luxuriant. Bush very prolific.

Fay—Fruit large, dark red. Flavor mild. A very good market variety.
Perfection—A cross of Fay and White Grape. Bright red. Flavor mild and rich. One of the most productive currants and probably

the best market variety.

Wilder—Mild flavor, fine quality, Berries very large, light red. Bush a vigorous upright grower.

White Grape—Large, excellent quality. Spreading vigorous bush.

# **GOOSEBERRIES**

The green fruit is very desirable for culinary purposes. The bushes are small, easily cared for, and pay good returns to the commercial planter.

**Downing**—Medium to large, pale green. Quality good. Upright productive bush. Midseason. The most widely known variety.

**Houghton**—Small dull reddish brown fruit, tender, juicy, sweet, and pleasant, ripening soon after midsummer. Profuse bearer.

Red Jacket (Josselyn)—Medium size, oval, smooth, good flavor. Prolific, bushes bearing very early. A vigorous grower.

# RHUBARB

Often called Wine-plant. The long, tender stems are quite acid to taste and make fine pies. It is one of the earliest products from the garden.

**Myatt Linnaeus**—One of the vest varieties, having long tender stalks of mild flavor; neither stringy nor tough.

**Victoria**—A good producer of medium sized stalks which are very tender and well-flavored.

# **ASPARAGUS**

The earliest and finest of spring vegetables. A bed once planted will last for 30 years or more. Do not cut for use until the second season.

Prices are for first quality plants.

	Per 25	Per 100
Columbian	\$ 1 75	\$ 5.00

A distinct variety of strong vigorous growth, producing very large white shoots which retain their color well under favorable weather conditions.

Conover	Colossal	1.75	5.00
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Very large, green shoots. A good standard variety.

#### **Martha Washington** . . . . . . . . . . . . . . . . . 2.00 6.00

A new variety rapidly gaining in popularity. The stalks are large and tender, and have green tips. Plants are very productive.

A southern variety of well merited popularity. A good yielder, and very early.

# **STRAWBERRIES**

Strawberries are shipped separate from other stock and by mail or express C. O. D. Delivery is made in Spring only. Orders for less than 50 plants cannot be accepted and the minimum of any one variety is 25 plants.

Aroma Premier
Brandywine Senator Dunlap
Dr. Burrill Warfield

Bubach

#### **EVERBEARING STRAWBERRIES**

These plants yield from May or June until frost. The fruit brings very profitable prices because of the season. Caution: To obtain large berries and good fall crop flowers should be picked from plants until the first of July.

